

Dick T. Apronti, Ph.D.

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Angelo State University | Member, Texas
Tech University System
ASU Station #11056
San Angelo, TX 76909-1056

EDUCATION

- | | | |
|------------|--|------|
| PhD | University of Wyoming, Laramie, Wyoming
Major: Civil Engineering
Supporting Areas of Emphasis: Transportation Engineering
Dissertation: Estimating Traffic Volume on Wyoming Low-Volume Roads | 2015 |
| MS | University of Wyoming, Laramie, Wyoming
Major: Civil Engineering
Supporting Areas of Emphasis: Transportation Engineering
Thesis: Evaluating Base Widening Methods | 2013 |
| BS | Kwame Nkrumah University of Science & Technology
Major: Civil Engineering
Capstone Project: Design of Underground Community Septic Tank | 2008 |

HONORS AND AWARDS

- | | |
|---|-----------|
| Instructional Capacity Mini-grant for 2018, Angelo State University | 2017 |
| IBPI Integrating Bike-Ped Topics into University Transportation Courses (Attendance Scholarship) | 2017 |
| Western/Midwestern ITE District Annual Meeting James H. Kell Student Competition Award | 2014 |
| University of Wyoming Graduate Research Assistantship | 2011-2015 |

ACADEMIC AND PROFESSIONAL EXPERIENCE

- | | |
|---|---------------------|
| Assistant Professor,
Angelo State University, San Angelo, Texas
David L. Hirschfelds Department of Engineering | Jul 2017 - Present |
| Post-Doctorate Research Associate, University of Wyoming
University of Wyoming, Laramie, Wyoming
Department of Civil and Environmental Engineering | Jan 2016 – Jun 2017 |

Assistant Civil Engineer

Transtech Consult Lmt., Accra, Ghana

Aug 2007 – Aug 2011

- Geometric design
- Construction supervision

COURSES TAUGHT

Angelo State University, San Angelo, Texas

Taught as Assistant Professor

Aug 2017 to Present

- ENGR 1304 Engineering Graphics
- ENGR 1307 Plane Surveying
- CENG 3311 Introduction to Transportation Engineering
- CENG 4311 Geometric Design of Highways

University of Wyoming, Laramie, Wyoming

Taught as Teaching Assistant

Aug 2011 to June 2017

- ES 1060 Introduction to Engineering Problem Solving
- CE 3500 Transportation Engineering
- CENG 4311 Geometric Design of Highways

PUBLICATIONS

Reports

Apronti, Dick T., Jaime J. Herpner, and Khaled Ksaibati. Wyoming Low-Volume Roads Traffic Volume Estimation. No. WY 16/04F; FHWA-WY-16/04F. Wyoming. Dept. of Transportation, 2015.

Journal Publications

Apronti, D., Ksaibati, K., Gerow, K., & Hepner, J. J. (2016). Estimating traffic volume on Wyoming low volume roads using linear and logistic regression methods. *Journal of traffic and transportation engineering (English edition)*, 3(6), 493-506.

Offei, E., Ksaibati, K., Young, R. K., & Apronti, D. (2016). Evaluating base widening methods. *International Journal of Pavement Engineering*, 17(6), 517-527.

Apronti, D. T., Saha, P., Moomen, M., & Ksaibati, K. (2019). Truck safety evaluation on Wyoming mountain passes. *Accident Analysis & Prevention*, 122, 342-349.

Apronti, D. T., & Ksaibati, K. (2018). Four-step travel demand model implementation for estimating traffic volumes on rural low-volume roads in Wyoming. *Transportation planning and technology*, 41(5), 557-571.

Conference Papers

Apronti, Dick T., Jaime Jo Hepner, and Khaled Ksaibati. Estimating Traffic Volumes on Low Volume Roads in Wyoming. No. 15-1830. 2015.

PRESENTATIONS AND INVITED LECTURES

Paper Presentation, “Estimating Traffic Volumes on Low Volume Roads.”
Conference: TRB Annual Conference, 2015

PROFESSIONAL TRAINING

Seminar or Workshop

IBPI Integrating Bike-Ped Topics into University Transportation Courses
Portland State University, Portland, Oregon, July 12-13

National Effective Teaching Institute (NETI)
Philadelphia, PA, Aug 1 -3, 2018

PROFESSIONAL AFFILIATIONS

Institute of Transportation Engineers
Member

20017-Present