TEXAS STATE UNIVERSITY CURRICULUM VITAE

I. Background

Name: Devanda Rex Lek, Ph.D. Email:drl68@txstate.edu
Title: Lecturer

B. Educational Background

Degree	Year	University	Major	Thesis/Dissertation
Ph.D.	2018	Texas State University	Material Science, Engineering, and Commercialization	A Study of Micro-Mechanical Punching for the Interconnection of Polymer Microfluidic Devices
M.S.	2014	Texas State University	Industrial Technology	A Study of Radial Runout for Circular Geometries
B.S.	2011	University of Texas at San Antonio	Mechanical Engineering	

C. University Experience

Position	University	Dates
Lecturer	Texas State University	Jan. 2019 - Present
Doctoral Teaching Assistant	Texas State University	Aug. 2014 – Dec. 2018
Graduate Instructional Assistant	Texas State University	Oct. 2012 – Aug. 2014

II. TEACHING

A. Courses Taught:

Department of Engineering Technology, Texas State University, 2015-Present

TECH 1363 Manufacturing Process 1 (Spring ’15 to Present)
TECH 1363L Manufacturing Process 1 Laboratory (Fall ’15 to Present)
TECH 2310 Intro to CAD 1 (Spring ’19 to Present)
TECH 1311 Engineering Graphics (Spring ’19 to Present)

III. SCHOLARLY/CREATIVE

A. Works in Print

2. Articles (* indicates lead author)

a) S. A. Moore*, J. Gomez, **D. Lek**, B. H. You, N. Kim, and I. –H. Song, "Experimental Study of Polymer Microlens Fabrication using Partial-Filling Hot Embossing Technique," Microeletronic Engineering, Vol. 162, 57 – 62, 2016.
b) J. Gomez*, **D. Lek**, I.-H. Song, and B.H. You, "Study on stress evolution in the cooling process of micro hot embossing," International Journal of Mechanical and Materials Engineering, vol. 9, no.1, pp. 9:20, 2014.
c) **D. Lek***, I.-H. Song, and B.H. You, "Methods for balancing and aligning rotating machinery," European International Journal of Science and Technology, vol. 3, no. 7, pp. 91-102, 2014. 8. I.-H. S

3. Conference Proceedings

a) **D. Lek,** B. H. You, I. H. Song T. H. Park, D. H. Chun. "Kinematic Coupling for a Double-Sided Hot Embossing Process" **Proceedings of the 2016 ASME-IMECE**
b) **D. Lek,** B. H. You, I. H. Song T. H. Park, D. H. Chun, M. Y. Lee. "Micro Mechanical Punching of Through-Holes for Microfluidic Interconnection" **Proceedings of the 2017 ASME-IMECE**
c) **D. Lek,** B. H. You, I. H. Song, D. H. Chun, J. Miller. "Micro-Mechanical Punching by a Double-Sided Hot Embossing Process" **Proceedings of the 2018 ASME-IMECE**

B. Grants and Contracts

1. Funded Internal Grants and Contracts:

a) Doctoral Research Support Fellowship, The Graduate College at Texas State University
b) Travel Grants, Texas State University, (MSEC, Department of Engineering Technology, Graduate College, College of Science and Engineering)

D. Fellowships, Awards, Honors:

IV. SERVICE

A. University:

American Society of Mechanical Engineers
Vice Chair of Student Chapter at Texas State University (Fall 2014-Spring 2016)

C. Professional:

American Society of Mechanical Engineers
Material Advantage

F. Departmental Services Honors and Awards:

NSO Advisor (Su. II, 2019)
Department of Engineering Technology - Texas State University
Award for Service (Spring 2014, 2015, 2016, 2017)
Award for Research (Spring, 2013, 2014, 2015, 2016, 2017)