# Acknowledgements

#### **TLC Engineering**

For providing the plans for my building and answering all my questions throughout the year.

### Dr. Thomas Boothby

For carefully evaluating and providing input during all the stages of this project.

#### Dr. Maria López de Murphy

For all the time devoted to helping me develop a better understanding of posttensioned systems.

#### Dr. Moses Ling

For all the time devoted to helping me develop a better understanding of mechanical systems.

## **Entire AE Faculty**

For helping me grow through study and research.

## My Wife, Franchesca

For her tireless love and confidence in me.

## My Family and Friends

For their continuous support throughout my career at Penn State.