## Julia McDaniel, Visual and Performing Arts Department<sup>1</sup>, Angelo State University<sup>2</sup> Faculty Mentor, Mike Burnett, MFA<sup>1,2</sup>

### INTRODUCTION

Question: How do you make a vacuform without spending over \$1000? How do you make a vacuform using a toaster oven?

Hypothesis: If a toaster oven and other building supplies are utilized, a functional vacuform can be built at a low cost.

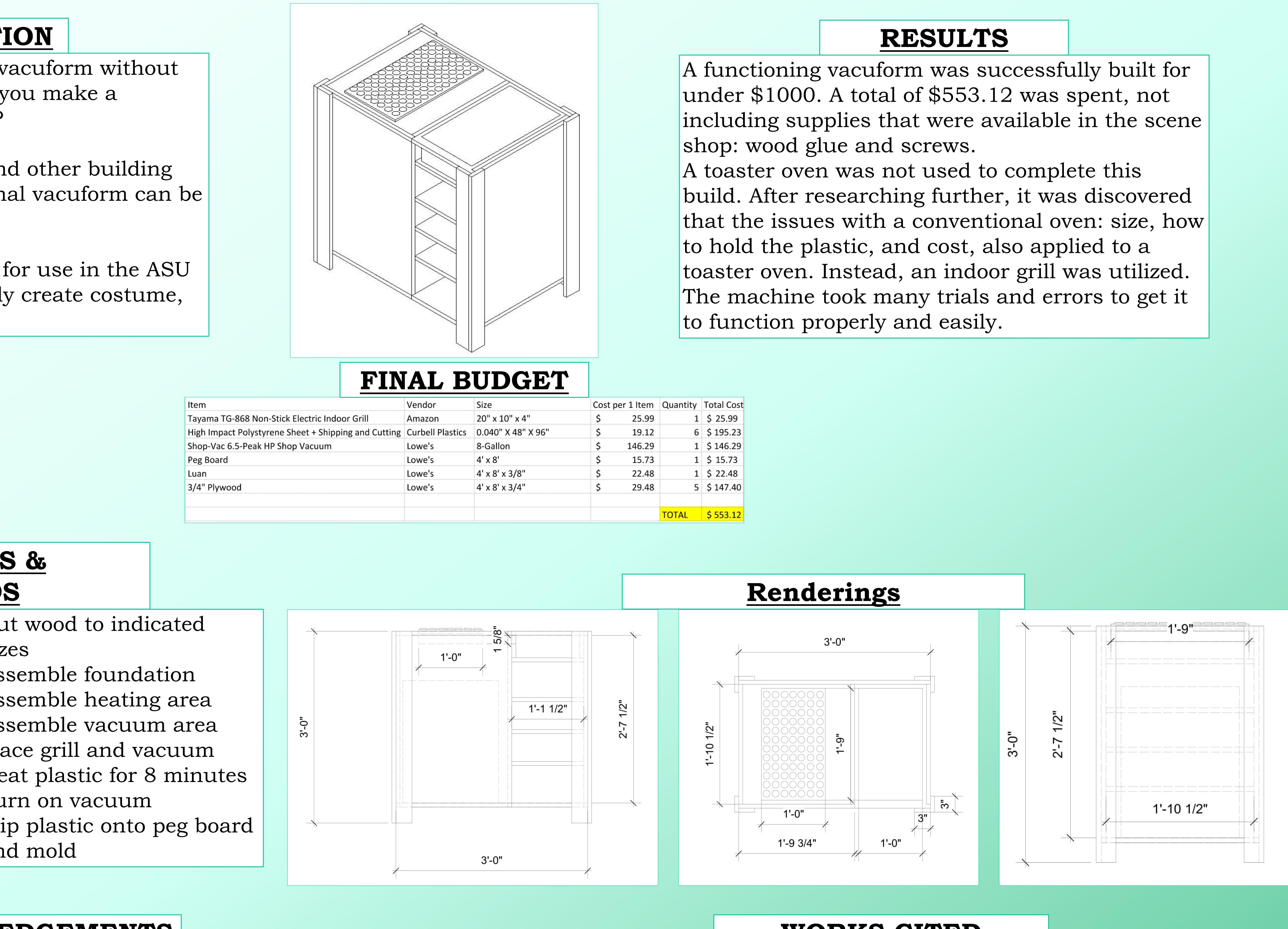
Objective: To build a vacuform for use in the ASU scene shop to quickly and easily create costume, scenic, and prop pieces.

### **MATERIALS &** METHODS

Materials:	1. Cu
4x8 Sheets of ¾" Plywood	siz
4x8 Sheet of Peg Board	2. Ass
4x8 Sheet of Luan	3. Ass
Screws	4. Ass
Wood Glue	5. Pla
Shop Vac	6. He
Indoor Grill	7. Tu
Mold	8. Flij
Methods:	and



# Building a Vacuform on a Budget



### ACKNOWLEDGEMENTS

	Size	Cost	per 1 Item	Quantity	Total Cost
	20" x 10" x 4"	\$	25.99	1	\$ 25.99
astics	0.040" X 48" X 96"	\$	19.12	6	\$ 195.23
	8-Gallon	\$	146.29	1	\$ 146.29
	4' x 8'	\$	15.73	1	\$ 15.73
	4' x 8' x 3/8"	\$	22.48	1	\$ 22.48
	4' x 8' x 3/4"	\$	29.48	5	\$ 147.40
				TOTAL	\$ 553.12

**WORKS CITED** 

Lincoln, Brian. "Homemade Vacuform" 18 Jun. 2013. Video, YouTube. Punished Props. "Prop: Shop – How to Make a Vacuum Forming Machine" 23 Nov. 2015. Web. Universal Plastics. "Thermoforming Design Guidelines" Feb. 2014. Web.