



**Paso Nuevo Prosthetic Liner  
Spring 2022 Scrapbook  
BYU Global Engineering Outreach**

**Team Members:**

Emily Wagner – Team Leader

Eva-Marie Hamil – Historian

Josh White – Financial Secretary

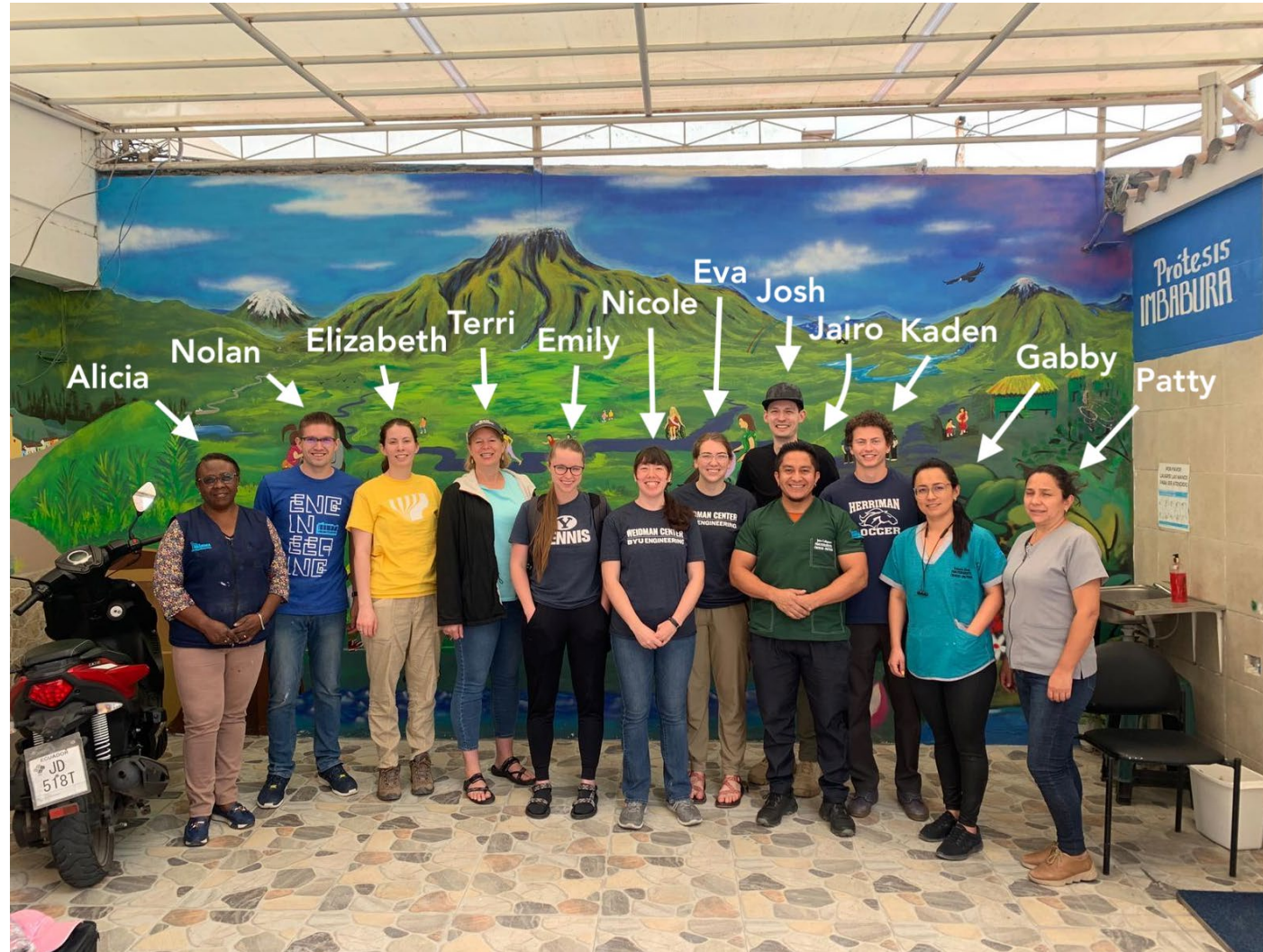
Nicole Unguez – Communication Coordinator

Kaden Hunter – Prototype Manager

Nolan Howes – Paso Nuevo Emeritus

Elizabeth Barnett – Paso Nuevo Emeritus

# Team Paso Nuevo and Prótesis Imbabura 2022



# Who started it all? Bob and Kit Frank!



Bob and Kit have been volunteering in Ecuador for over 30 years. They have founded multiple prosthetic clinics, including Prótesis Imbabura. Bob is a board certified prosthetist and orthotist. Kit wears many hats and fills whatever role she needs to.

Bob and Kit will be the main contacts for future prosthetic liner teams. They are very invested in the project and will want to meet often to discuss progress and answer questions. They travel to Ecuador multiple times a year and are willing to help with the project while down there.

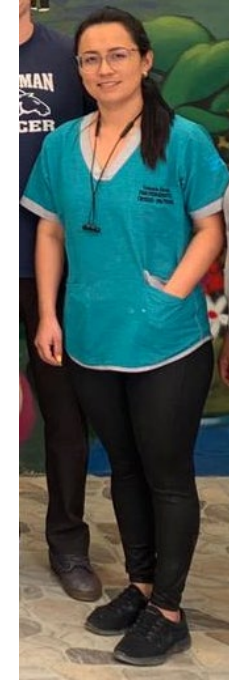
# Prótesis Imbabura Staff



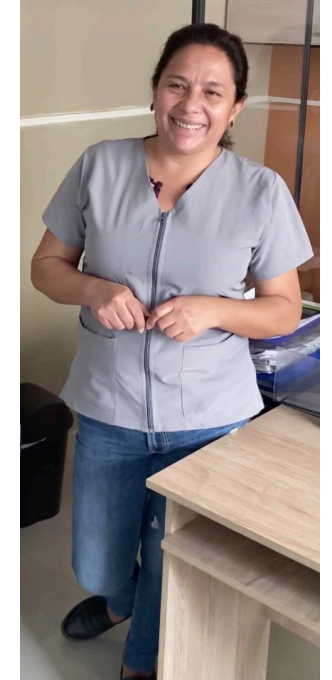
Alicia is a sewing master. She worked as a seamstress before coming to the clinic and can handle any and all sewing needs. She is also a certified technician for adaptive equipment.



Jairo is one of the orthotists and prosthetists at the clinic. He fits patients and helps them regain normal walking motion to promote a safe, healthy, and full life.



Gabby is the other orthotists and prosthetists at the clinic. Her and Jiro were the top students at a local physical therapy school, so Bob and Kit trained them personally.



Patty knows everyone and everyone knows Patty. If you need anything from a local vendor, Patty is the person to go to. She has all the connections you need. She is also a certified accountant.

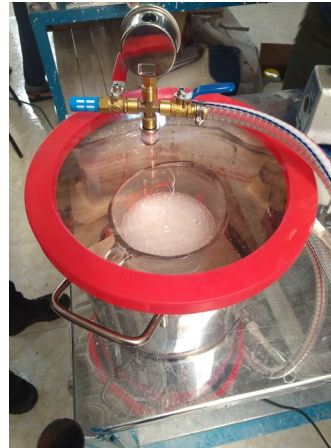
# Liner Project



Measuring soft silicone



Clamping Mold



Soft silicone in vacuum chamber



Pouring soft silicone into mold



Opening mold



Cutting fabric



Adhering Fabric



Measuring hard silicone



Pouring hard silicone



Final Product!

# Favorites



These are two of the most meaningful pictures from the trip. These two patients were the first amputees to wear our liner design and were able to take them home.



We hiked a beautiful volcano in Ecuador and bonded as a team



Church in Ecuador helped remind us of what's most important :)



Hiking Huayna Picchu above Machu Picchu is pretty hard to beat!