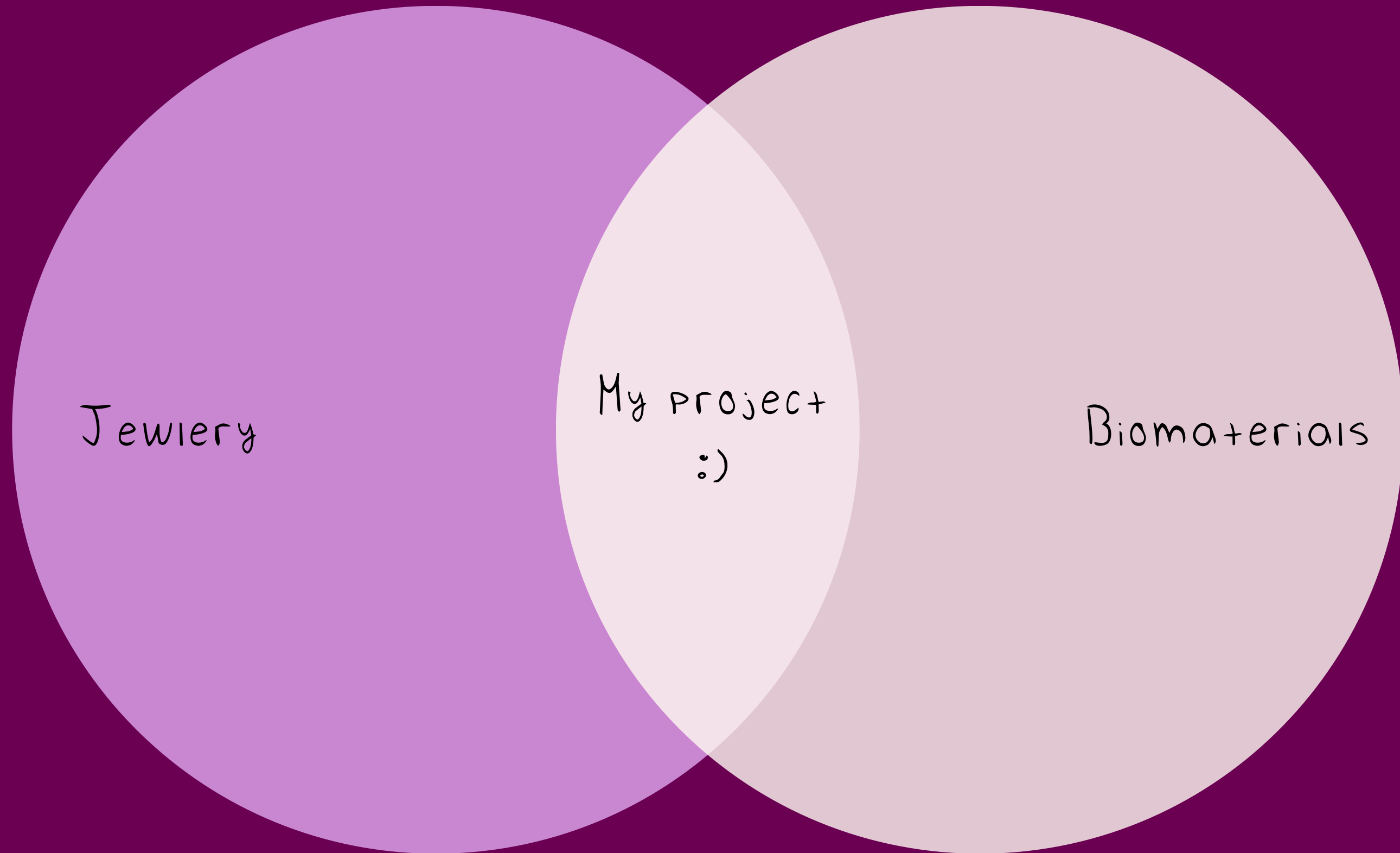


Reflect on your past and present  
in order to represent the future.





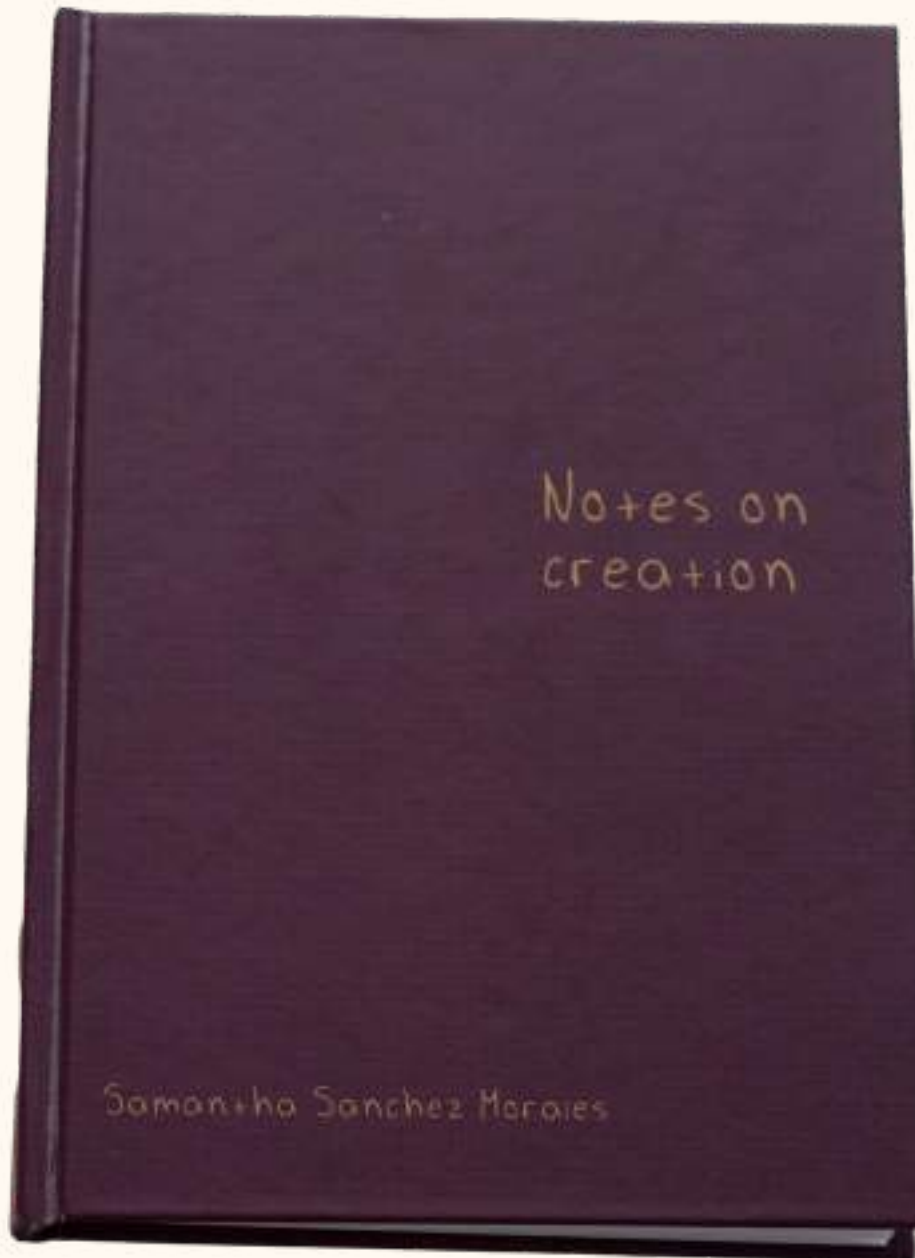
Jewellery

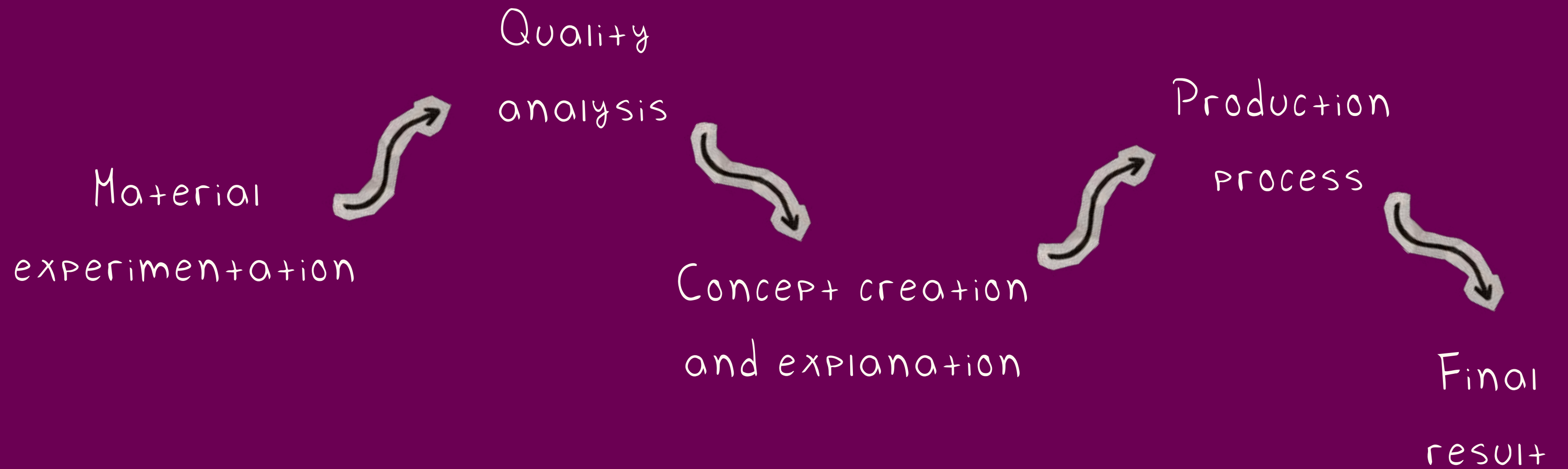
My project  
:)

Biomaterials



Field journal that gathers notes, recipes, experiments, reflections, personal thoughts, and discoveries collected throughout the creation process.





Xanthan: la mezcla más líquida de todas a la hora de preparar, sería fácil de verter en un molde, es la que más tarda en secar

Pero  
 48h  
 rígida  
 verten en molde  
 Después de preparar

gen 5h

sodio 48h

rígida  
 en una lapa  
 mezcla/rápida  
 es fácil de manejar  
 pero difícil de  
 hacer toda la  
 cantidad de arte

After a few days of drying, I evaluated and observed the qualitative properties of each material.

the cards to see the data sheets

**Material: Eggshells ceramic w/sodium**  
 Drying time: 48 hours  
 Texture: rigid, rough, hard to break  
 Observations: It does some cracking, which makes it difficult to mold, you have to pour it slowly into a mold before it solidifies.

**Material: Eggshells ceramic w/sodium argonite**  
 Drying time: 48 hours  
 Texture: rigid, a little rough, easy to break and cracks when drying.  
 Observations: The mixture remains in a state of dough/clay, it is easy to manipulate by hand, but not so much for using it in a mold, it may not capture the details of it.



To disinfect mixtures before turn the sh



Xanthan: la mezcla más líquida a la hora de preparar, sería fácil de verter en un molde, es la que más tarda en secar

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1. TPU molds.

I chose to print in this material because it is flexible. To hide the print lines I filled it with wood filler, which turned out to be a mistake as it detached along with the pieces. I do not think this is the ideal technique for pieces that require depth or high detail.

2. PLA molds.

This plastic is rigid but ideal as a base for the silicone mold. For this mold, I placed my positive and a layer around it to contain the silicone. I also made this removable base so the final piece could be taken out easily. This material can be sanded and repaired comfortably; for this one, I did use plastic filler.



3. Silicone molds. Good for capturing details, and the final piece is very easy to demold.

Considerations: Silicone has a high ecological footprint; its waste and the energy required to produce it are its main drawbacks, although it does not release toxic substances. Its advantage is that it can be reused many times, just like PLA. To make the most of the plastics used, I will continue using these molds to keep testing materials rather than treating them as disposable.





Earrings + old metal earrings



Locket + earrings + old metal ones



Boil



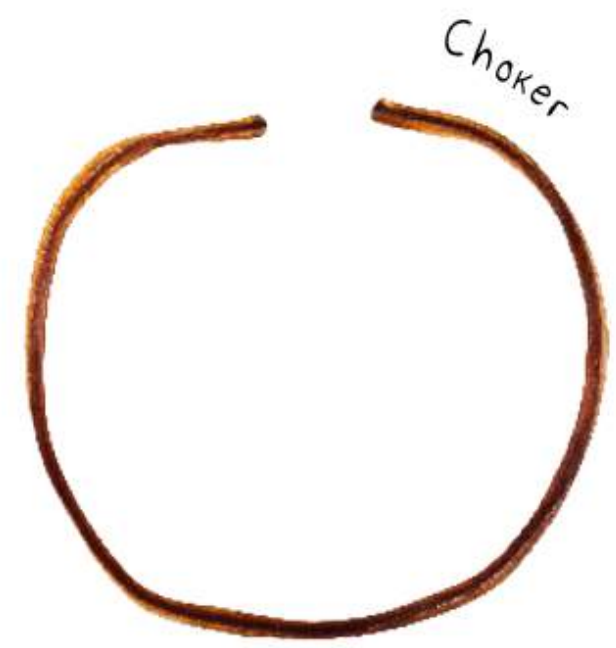
Ear cuff



Locket +



Ear cuffs



Choker



Choker + my mom's hair

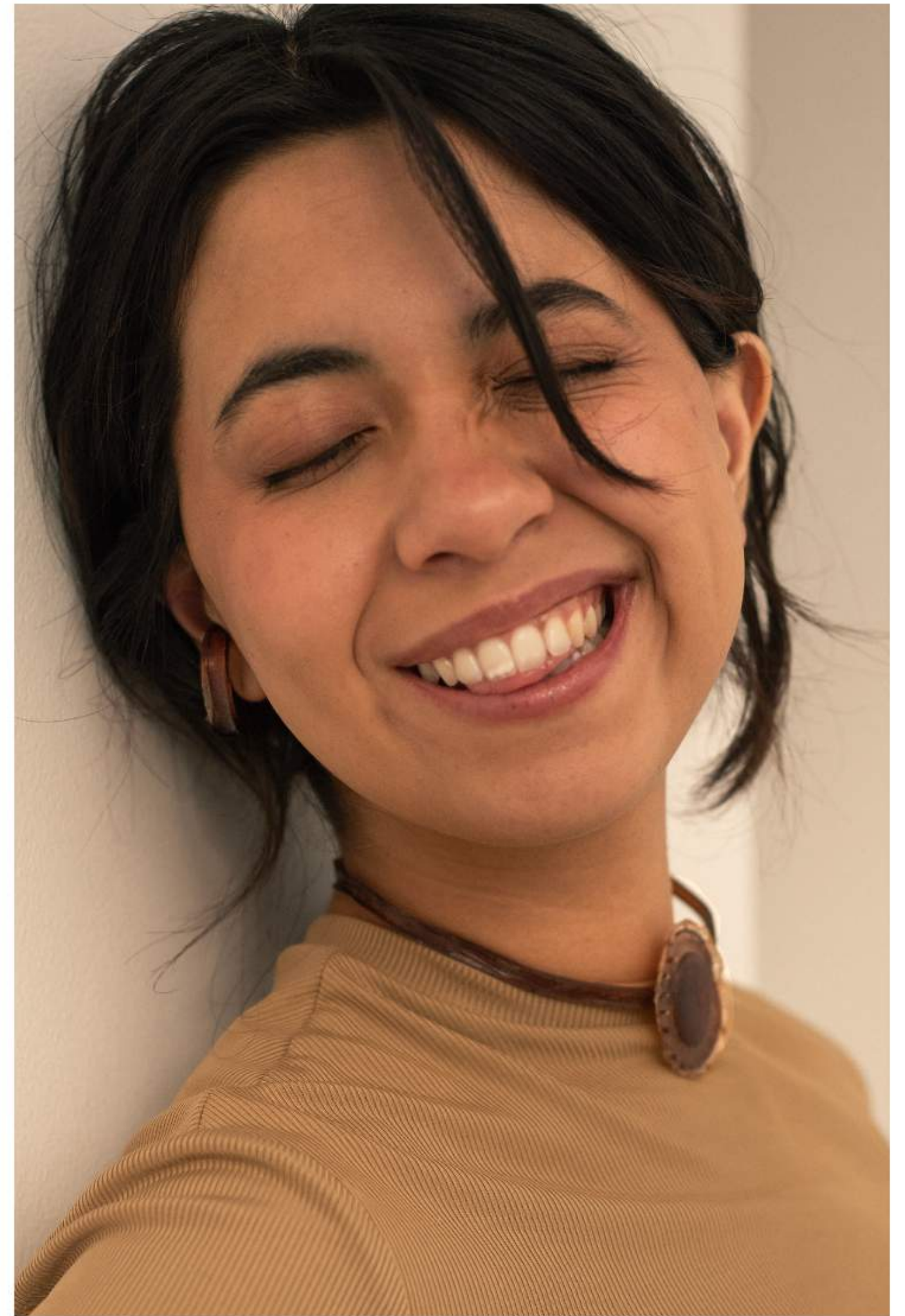
Reinterpreting the plastic jewelry from my sister's childhood photo as an allusion to my past, and recreating them in biomaterials to represent my future.

Made using molds and bio-resin, with recipe variations including eggshell powder and hibiscus flower dye.











Looking back has the  
power to create a better  
future.



# Notes on creation

Samantha Sánchez



x

**IBERO**  
PUEBLA