

Beginning with the Industrial Revolution, mass production has elevated the fashion industry to a major polluter of natural resources, second to oil. This digital collection explores the idea of viewing our natural resources as sacred and revisits the silhouettes of the Industrial Revolution. It asks, “what would the world look like today if we had started with sustainability in mind?” It is inspired by the “Fashion and Nature” exhibit at the Grand Rapids Public Museum, Tiffany Windows depicting nature as sacred, the sustainable work of Ronald Van Der Kemp and the creativity of Viktor & Rolf. All designs are intended to be constructed with repurposed and deadstock materials. The following pages are a sample from the collection.

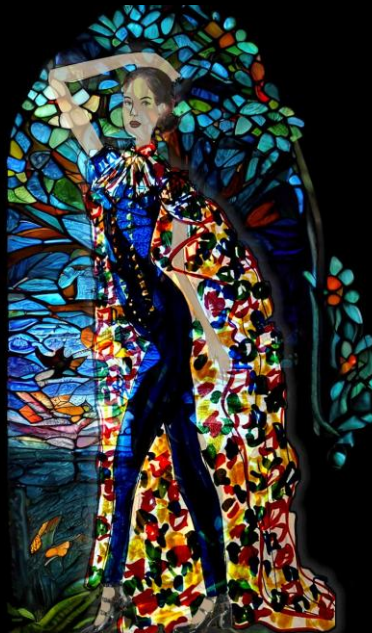
Fig 1 & Fig 2 – <https://www.grpm.org/fashion-and-nature/> Fig 3 - <https://www.viktor-rolf.com/en-us/pages/haute-couture-lookbook-aw16>

Figure 4 - https://stock.adobe.com/images/recycle-logo-made-from-colorful-plastic-bags/725241914?prev_url=detail Fig 5 - <https://www.metmuseum.org/art/collection/search/2821>

Illustrations

Marker

Digital collage



Tammie Pontsler

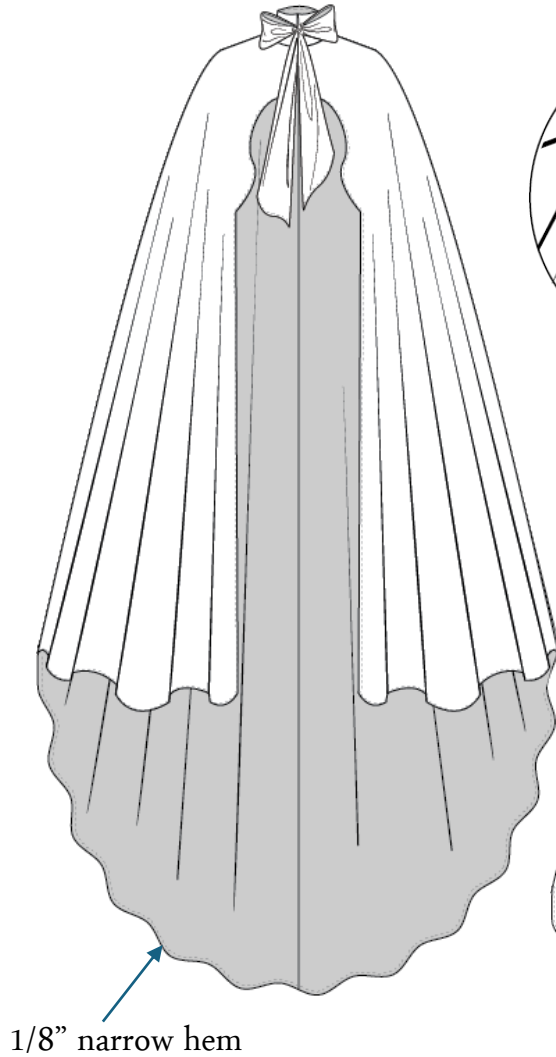
Cape

05/08/24

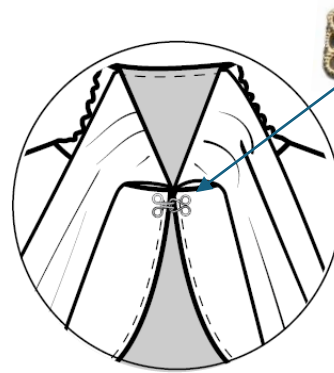
Self Fabric: 100% Silk Organza, pieced or printed

Interfacing: Sheer Couture fusible interfacing from Fashion Sewing Supply

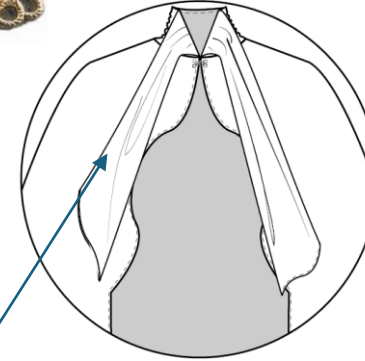
Closure: Gold metal clasp



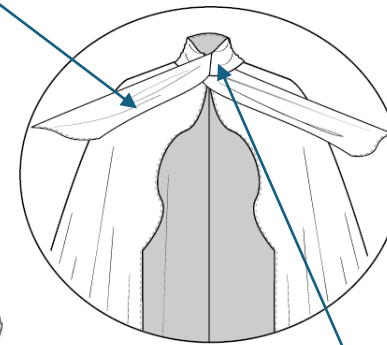
1/8" narrow hem



Gold metal clasp



2 22"x10" ties – self fabric folded in half lengthwise & stitched



2 collar bands self fabric
1 sheer fusible interfacing



Nature's Splendor

NS1001.S25.T01

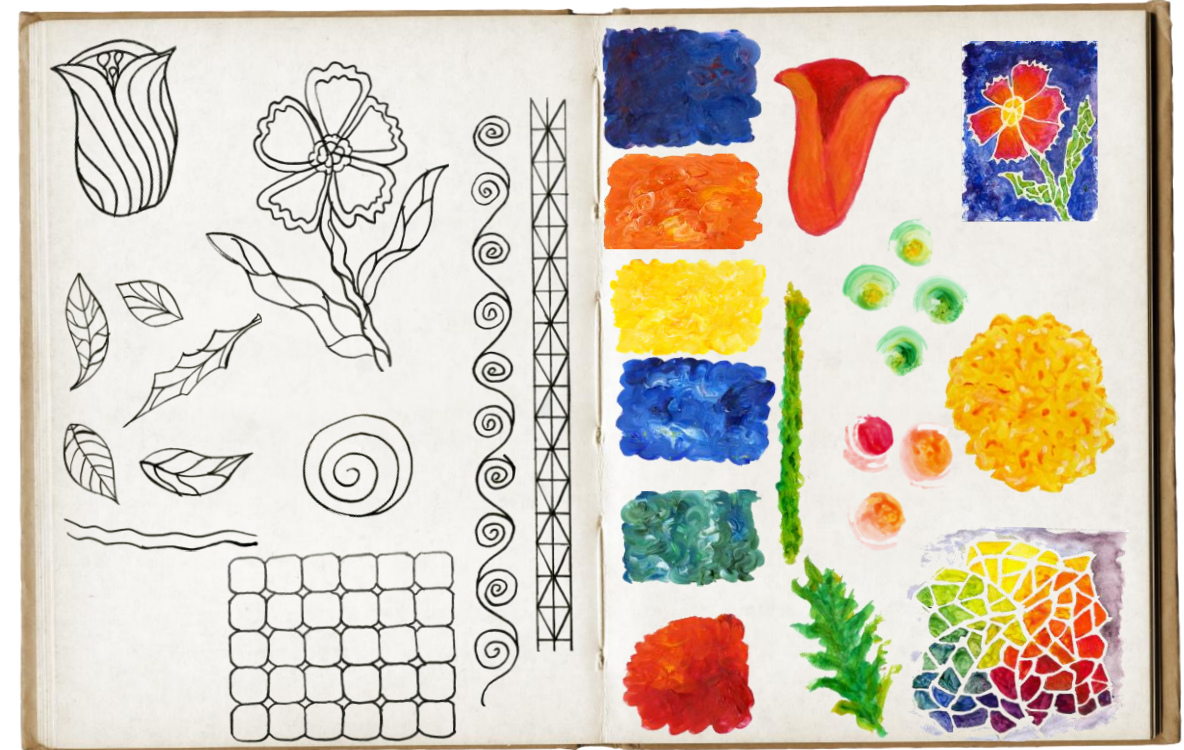
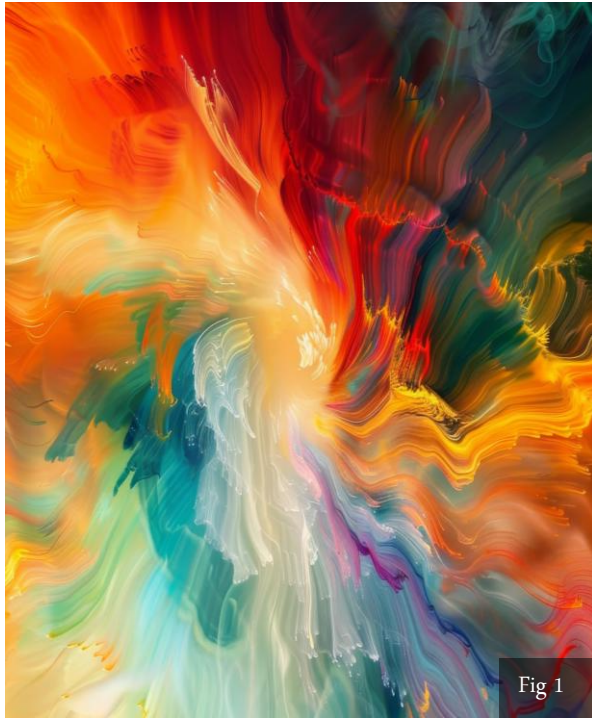
10"x10" straight repeat



Luminous Blooms

A Digital Print Collection

Inspired by the intersection of spirituality and nature, Luminous Blooms is a fashion print collection created from digitally edited and arranged gouache painted motifs.



Mood Board & Color Story

Sketches & Color

Figure 1 - https://stock.adobe.com/images/a-powerful-display-of-color-vibrancy-and-movement/817610490?prev_url=detail

Figure 2, 4 - Joyce, Carol. *Textile Design*. New York, New York, Watson-Guption Publications, 1993, pp. 134, 154.

Tammie Pontsler Creative Industries LLC

Figure 3 - https://stock.adobe.com/images/ethereal-light-beams-piercing-through-colorful-stained-glass-windows-in-gothic-cathedral-illuminating-intricate-stone-floor/929427020?prev_url=detail

Figure 5 - <https://www.minniemuse.com/articles/muse-boards/jean-paul-gaultier-s-s-2007-couture>

Luminous Blooms Collection



Twilight Bouquet

LB1001.F24.T01 27" x 27" straight repeat

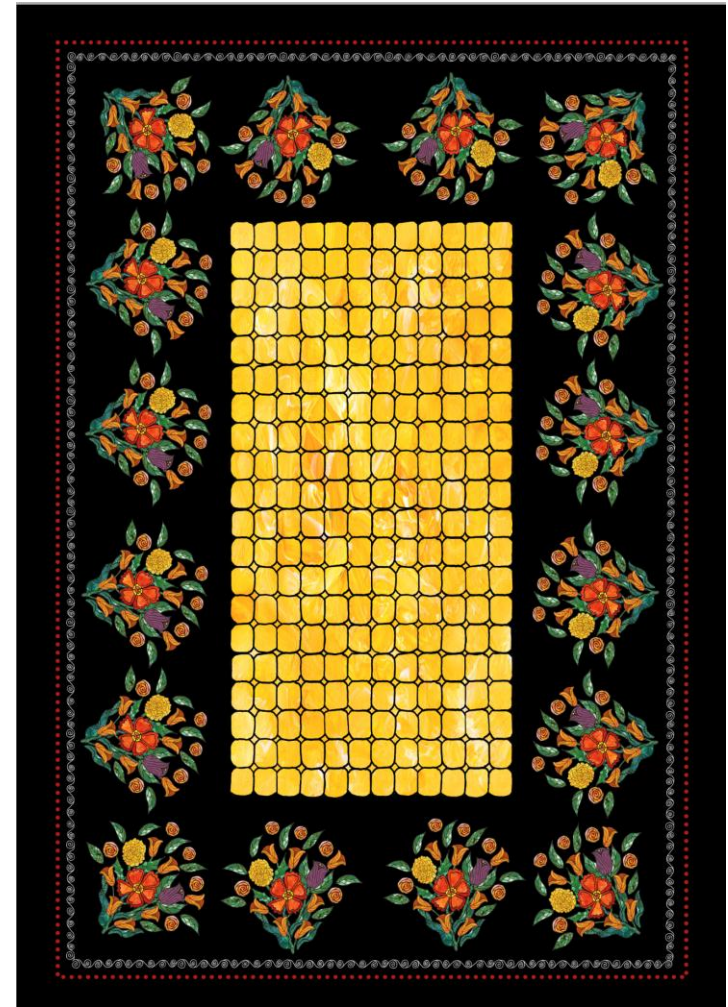
LB1002.F24.T01 13.5" x 13.5" straight repeat



Glimmering Blossom

LB1010.F24.T01

13.5" x 13.5" half drop repeat



Radiant Garden

LB1020.F24.T01

45" x 64" scarf

Luminous Blooms in Fashion



Fig 3



Twilight Bouquet
LB1002.F24. T01



Twilight Bouquet
LB1002.F24. T01



Radiant Garden
LB1020.F24.T01
45" x 64" scarf

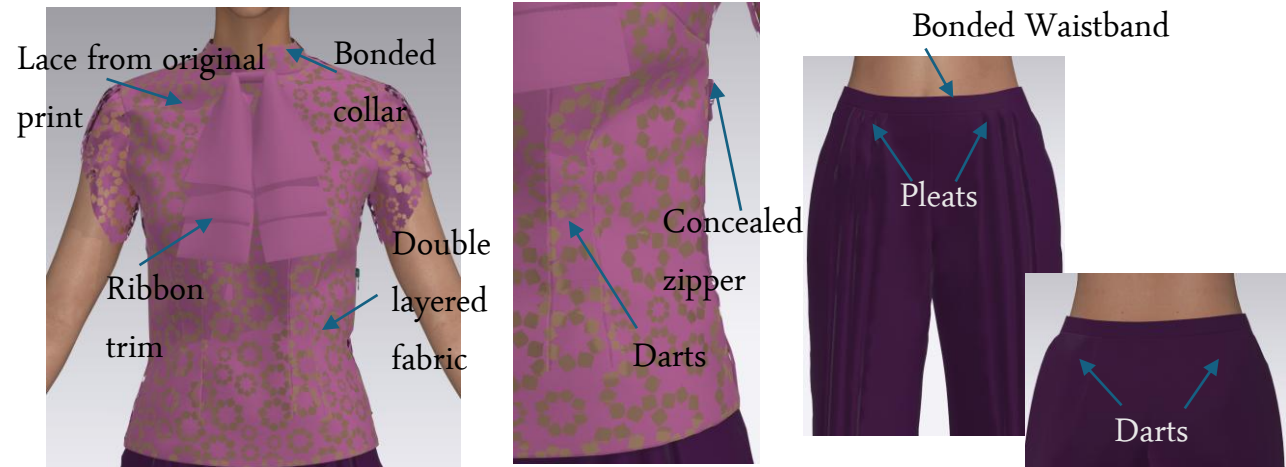
Fig 1 - https://stock.adobe.com/images/woman-in-white-dress-leaning-against-wall-with-white-background/655876117?prev_url=detail Fig 2 - Tammie Pontsler Design rendered in CLO3D

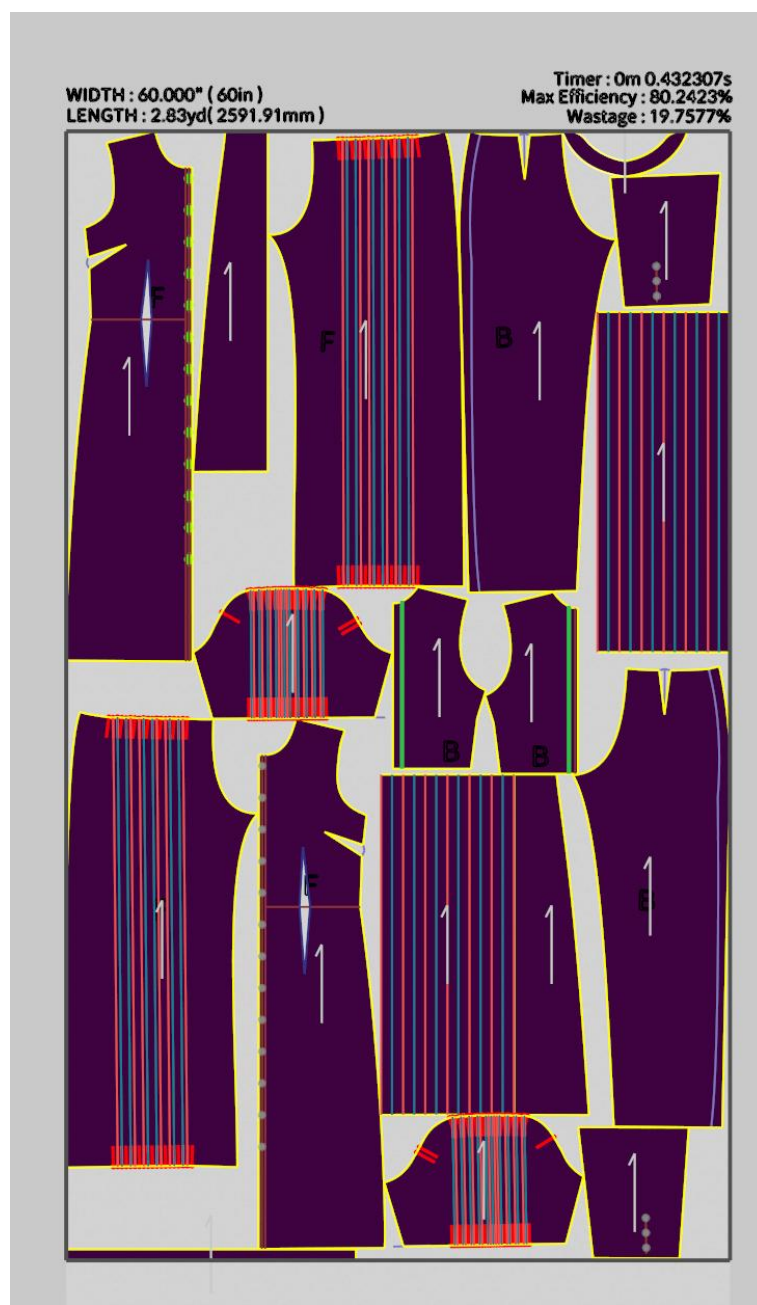
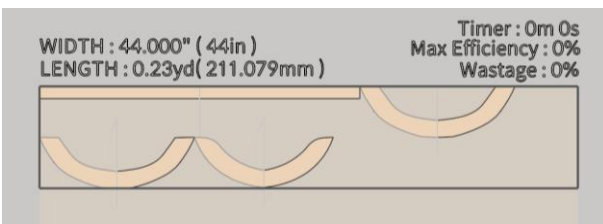
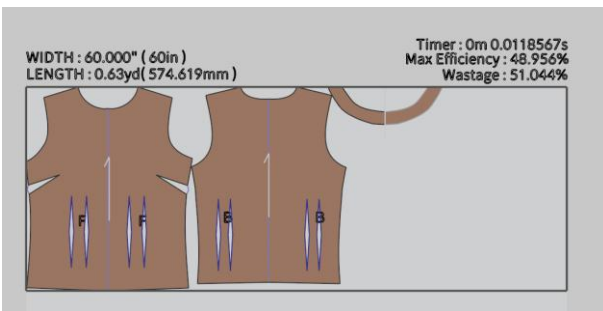
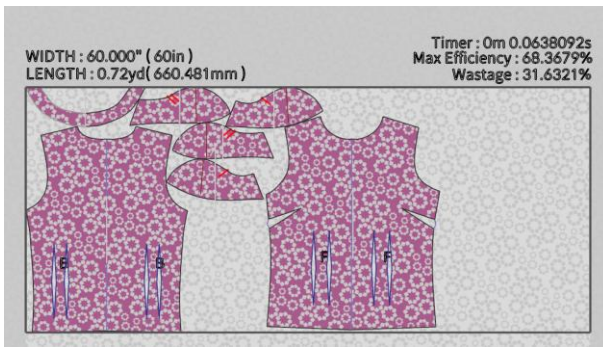
Fig 3 - https://stock.adobe.com/images/kimono-top-fashion-flat-technical-fashion-illustration-flat-apparel-kimono-fashion-flat-technical-drawing-template-front-and-back-view-white-color-unisex-cad-mock-set/659292994?prev_url=detail

Clo3D

Digital Pattern Design

I am developing a brand of bespoke clergy vestments. I completed the first robe and stole in 2024. Utilizing CLO3D, I will create one-of-a-kind designs based on each client's journey and sources of inspiration.





Update * Currency Unit : USD

Colorway		Default Colorway			
Total Cost of Selected Colorway		355.36	USD		
Total Cost of All Colorways		355.36	USD		

		Quantity	Price	/ Yards	Cost
Fabric	Custom Eyelet AASA8C	0.722 yd	49.99	/	36.11
	Cotton_Voile B38770	0.628 yd	13.99	/	8.79
	Silk Dupioni FFFFFF	1.325 yd	25.99	/	34.43
	Light Wool Gabardine 430246	2.835 yd	79.99	/	226.74
Total					306.07
Button	Default Button COLORO_014-59-21	19	1.24	/	23.56
	Total				23.56
Button Hole	Default Buttonhole 3F1B40	13	0.00	/	0.00
	Total				0.00
Trim	Ribbon_09 ACSF91	1	24.99	/	24.99
	Total				24.99
Zipper	Zipper 4_Teeth 0.118 in 1D6060				
	Zipper 4_Tape 7.774 in Magenta 4				
	Zipper 4_Slider Magenta 3	1	0.74	/	0.74
	Zipper 4_Puller Magenta 3				
	Zipper 4_Top_Stopper Magenta 3				
	Zipper 4_Bottom_Stopper Magenta 3				
	Total				0.74

CLO3D

Patterns with Fabric Layouts

Bill of Materials



Fig 1



Fig 2



Fig 3

Cali Soiree

Inspired by the enchanting events held at the historic San Diego Balboa Park, Cali Soiree is a collection of garments designed for a woman who wants to express her unique style at a cocktail event. From this collection, several garments were realized through creative draping, flat patternmaking, fitting, and couture construction.



Figure 3 - <https://www.galeriedior.com/en/mini-stories/gruau>

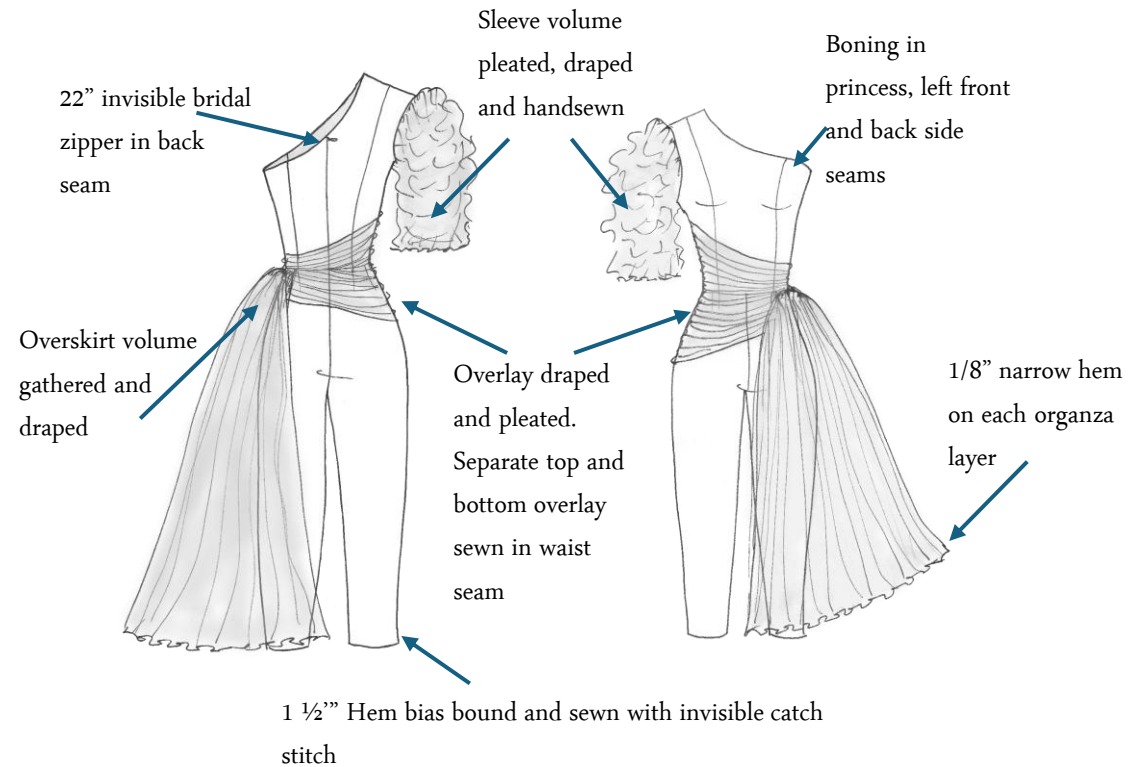
Figure 1 - <https://lamousongaga.com/post/140213489642/lady-gaga-attends-the-2016-oscars>

Figure 2 - https://stock.adobe.com/images/a-couple-dances-under-sparkling-chandeliers-in-a-grand-ballroom/979612094?prev_url=detail

Tammie Pontsler
 Jumpsuit
 11/6/24
 Self Fabric: 100% Silk Dupioni
 Contrast Fabric: Silk Organza

Interlining: Cotton broadcloth
 Lining: 100% Habotai Silk
 Closure: 22" Invisible Bridal Zipper #5, hook and eye
 Notions: 3/8" Rigilene

Flats



Cutters Must

Cutters Must			11/6/24	
Tammie Le Anne: Jumpsuit				
Cut qty	Type	Fabric Name	Trims/Notions: 22" bridal zipper, 3/8" rigilene boning, bias strip silk organza for hem finishing, stabilized silk organza strip for stabilizing neckline	
1	Self	Dupioni Silk Bodice Front		
1	Self	Dupioni Silk Bodice side front left		
1	Self	Dupioni Silk bodice side front right		
1	Self	Dupioni Silk bodice side back right		
1	Self	Dupioni Silk bodice side back left		
1	Self	Dupioni Silk Back left		
1	Self	Dupioni Silk Back right		
2	Self	Dupioni Silk Pant front		
2	Self	Dupioni Silk Pant back		
1	Underlining	Cotton Lawn Bodice Front		
1	Underlining	Cotton Lawn Bodice side front left		
1	Underlining	Cotton Lawn bodice side front right		
1	Underlining	Cotton Lawn bodice side back right		
1	Underlining	Cotton Lawn bodice side back left		
1	Underlining	Cotton Lawn Back left		
1	Underlining	Cotton Lawn Back right		
2	Underlining	Cotton Lawn Pant front		
2	Underlining	Cotton Lawn Pant back		
1	Interlining	Broadcloth Bodice Front		
1	Interlining	Broadcloth Bodice side front left		
1	Interlining	Broadcloth bodice side front right		
1	Interlining	Broadcloth bodice side back right		
1	Interlining	Broadcloth bodice side back left		
1	Interlining	Broadcloth Back left		
1	Interlining	Broadcloth Back right		
2	Contrast	Silk Organza Sleeve		
3	Contrast	Silk Organza Overskirt		
1	Contrast	Silk Organza Overlay front bodice		
1	Contrast	Silk Organza Overlay front pant		
1	Contrast	Silk Organza Overlay back bodice right		
1	Contrast	Silk Organza Overlay back bodice left		
1	Contrast	Silk Organza Overlay back pant right		
1	Contrast	Silk Organza Overlay back pant left		
Directions				
Shir overskirt layers together				
All organza pieces seamed with French seam				
All organza pieces hemmed with 1/8" narrow hem				
Hem hand stitched				
Use 100% mercerized cotton thread for sewing				



Cost Sheet

Cost Sheet			
Tammie Le Anne			
Style: Cali Soiree	Style Number	Season: Spring/Summer	Year: 2025
Trim/Notions/Closures	Quantity	Price	Total
Hanger, Polybag, Care Label	1	0,98	0,98
Zipper 1	1	5,89	5,89
Hook and Eye	1	0,05	0,05
Rigilene Boning	1	0,25	0,25
Raw Materials			
Dupioni Silk	3	17,79	53,37
Silk Organza	10	9,19	91,9
Cotton Lawn	3	14,79	44,37
Broadcloth	1	15,99	15,99
Thread	1	4,98	4,98
Labor			
Draping & Patternmaking	7	25	175
Cutting	3	20	60
Sewing	25	20	500
Fitting	2	20	40
Total Cost			992,78
Wholesale Markup		Retail Markup 2.2	
45%	1389,89	3057,76	
50%	1439,53	3166,97	
55%	1538,81	3385,38	
60%	1588,45	3494,59	
65%	1638,09	3603,79	
70%	1687,73	3713,00	

Process Draping



Patterns





Tammie Pontsler Creative Industries LLC

Finished Garment

Tammie Pontsler
Evening Jacket
11/6/24
Self Fabric: Satin Silk Rayon Blend

Contrast Fabric: Silk Organza
Lining: 100% Habotai Silk
Closure: 4 fabric covered buttons

Flats

Back neck facing attached to lining

Lining with center back pleat

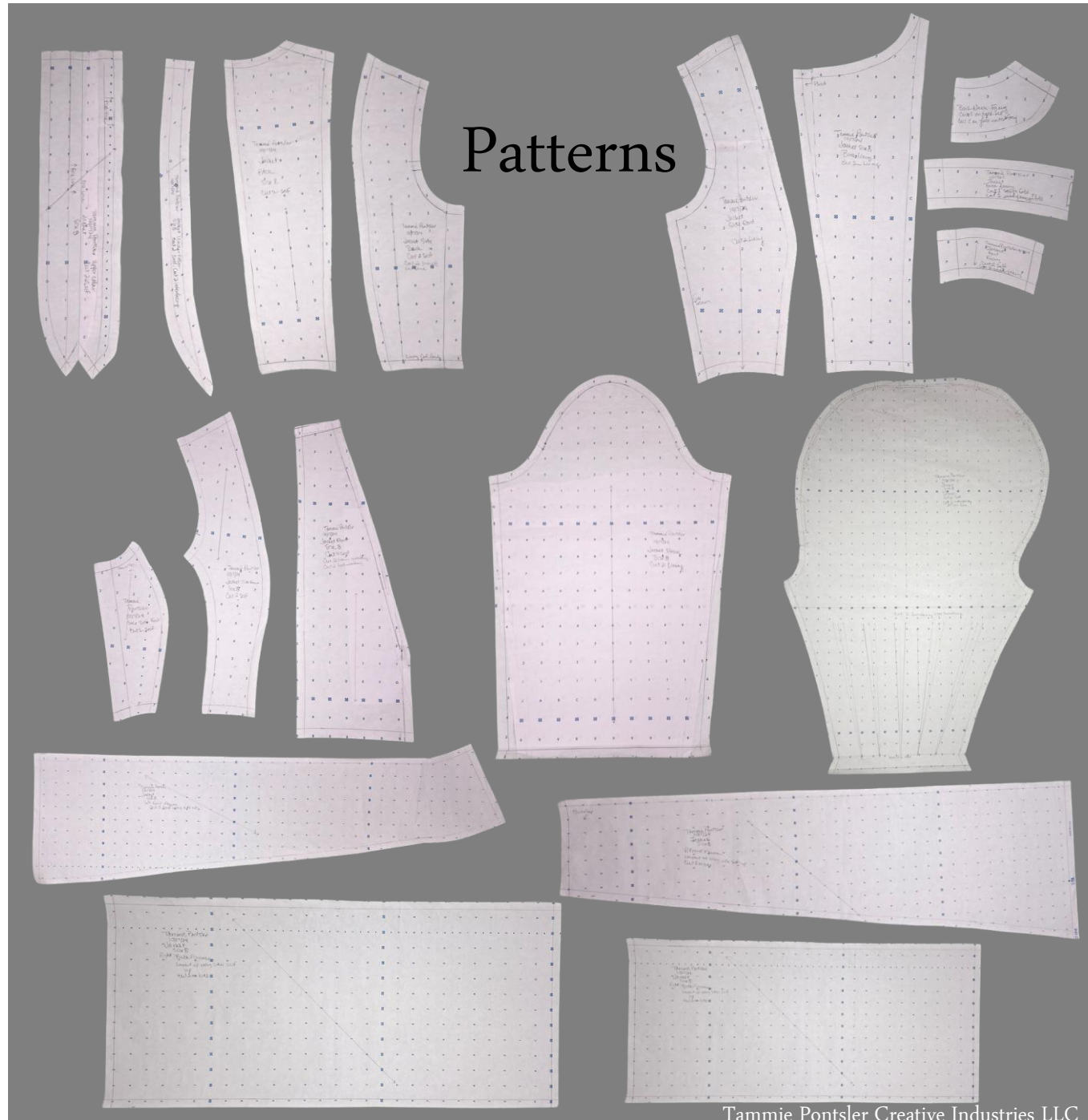
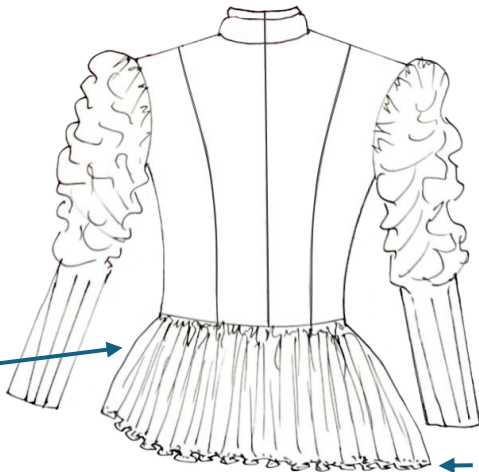
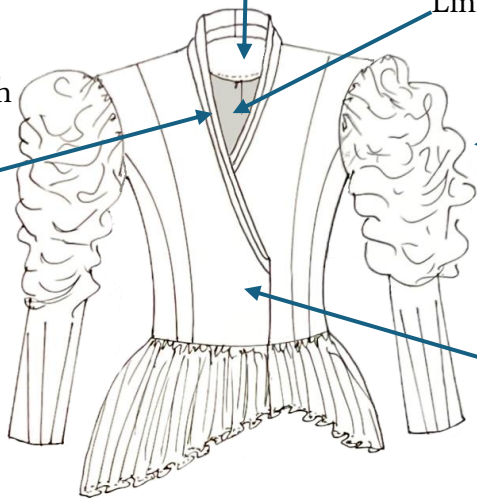
Draped collar with interfaced undercollar

Pleated sleeves with pickups to create shape

4 concealed fabric covered snaps

Gathered peplum with high-low design

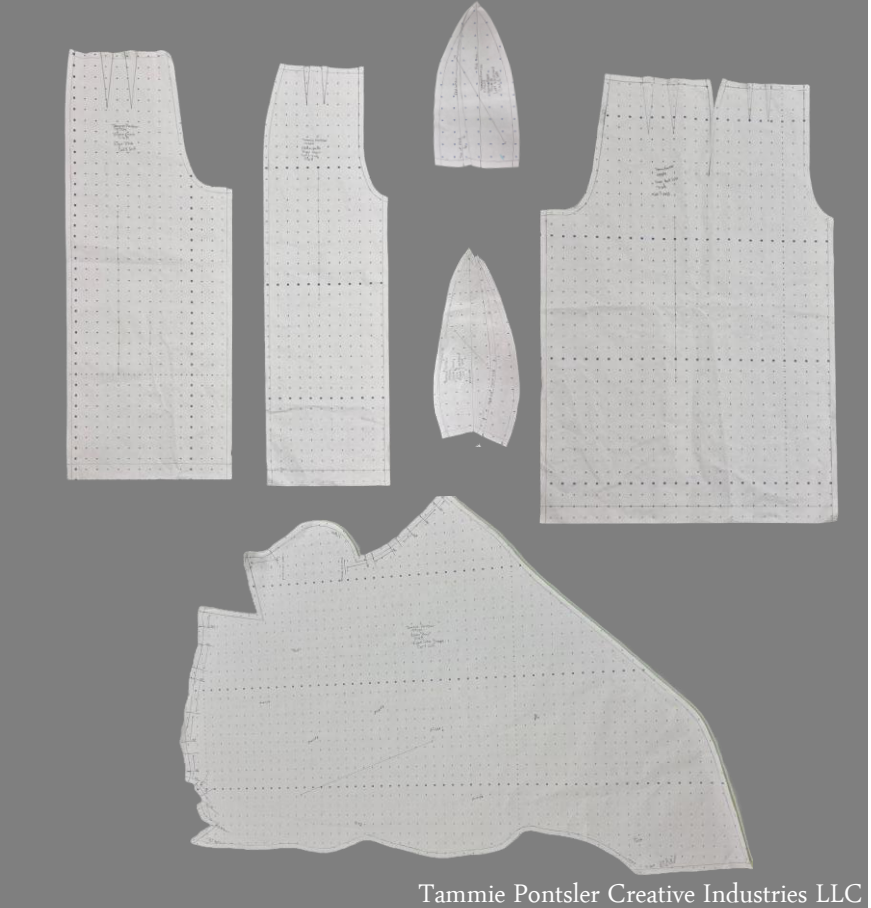
1/8" narrow hem



Tammie Pontsler
 Draped Pants
 11/6/24

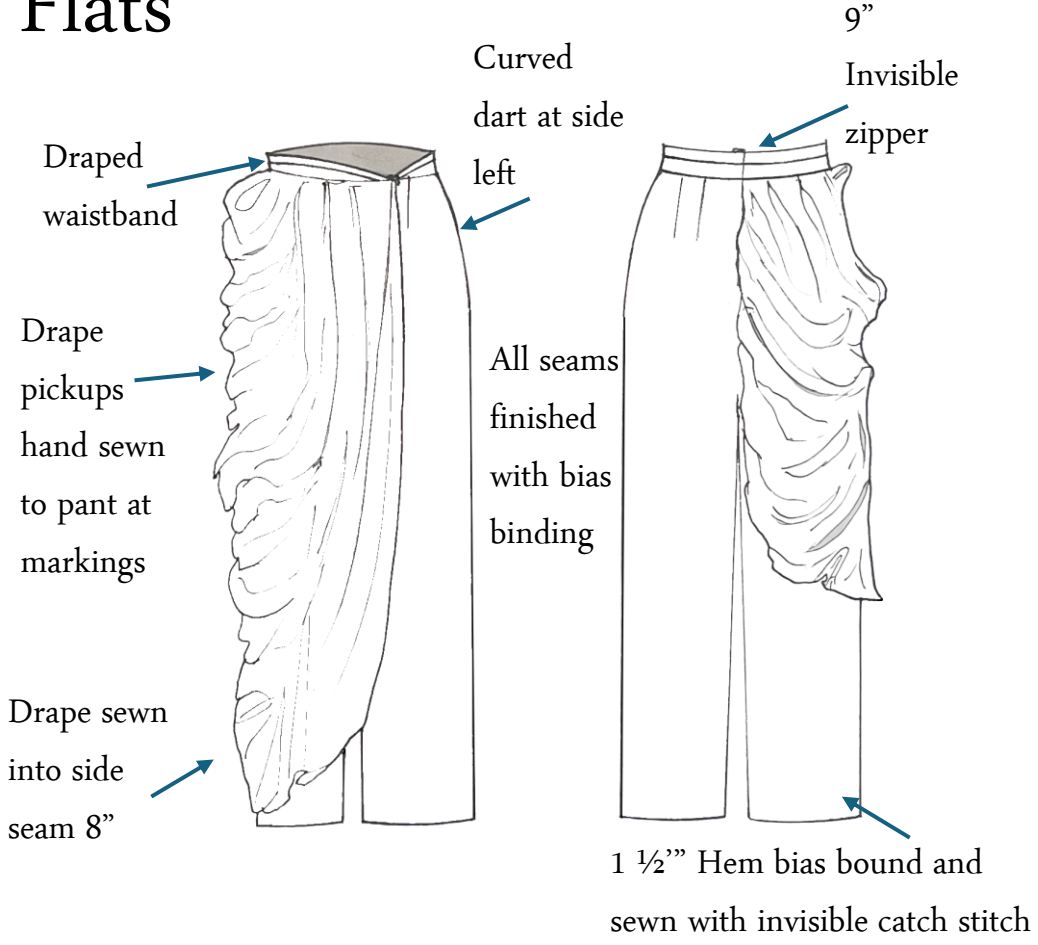
Self Fabric: 100% Linen
 Seam binding: Cotton sateen
 Closure: 9" invisible zipper

Patterns



Tammie Pontsler Creative Industries LLC

Flats



Process

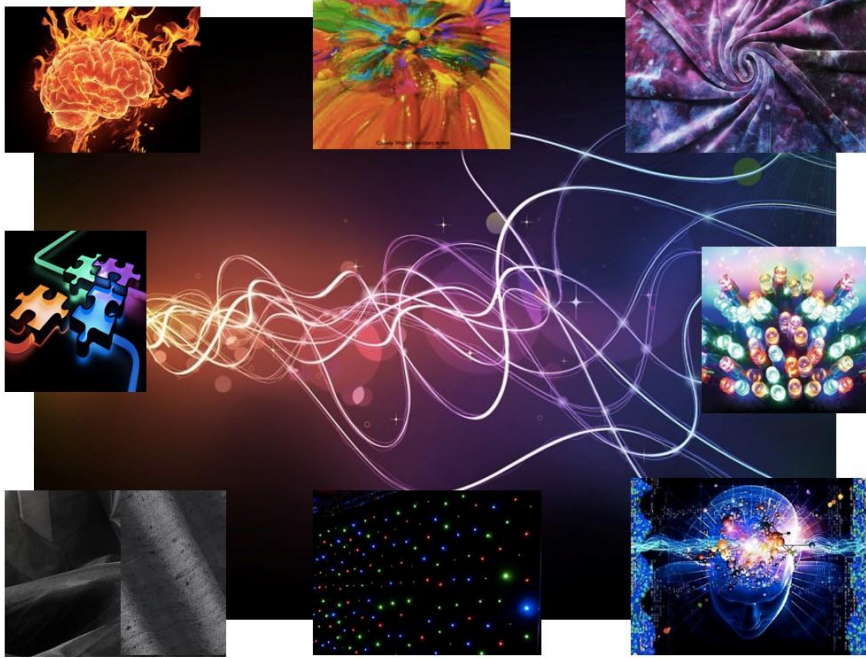


Finished Garments

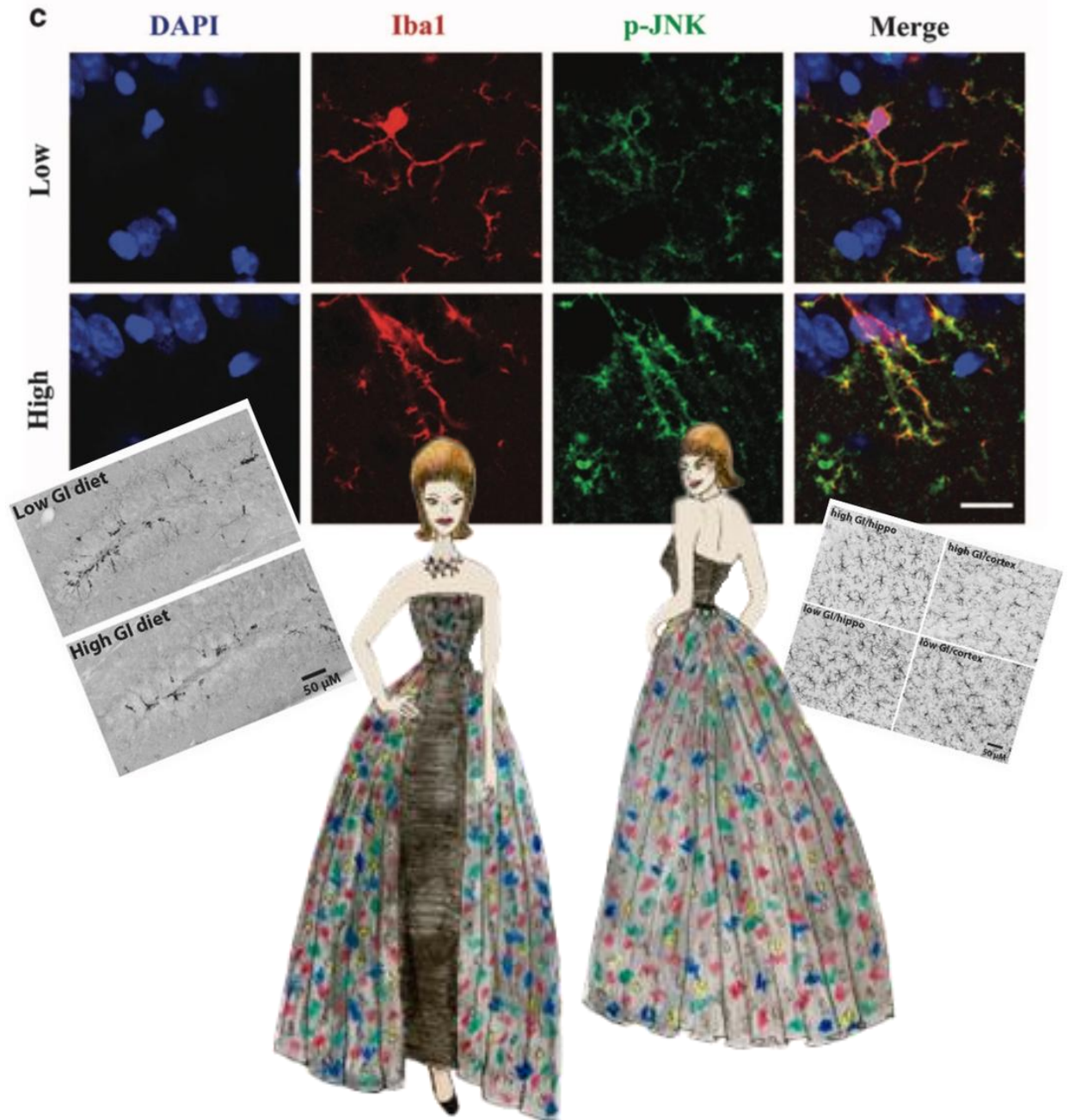


Design Discovery: Sweet Lizzie

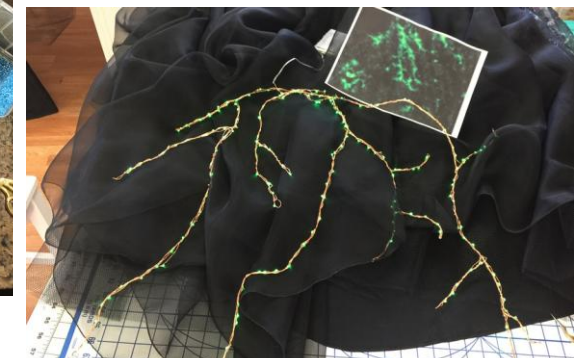
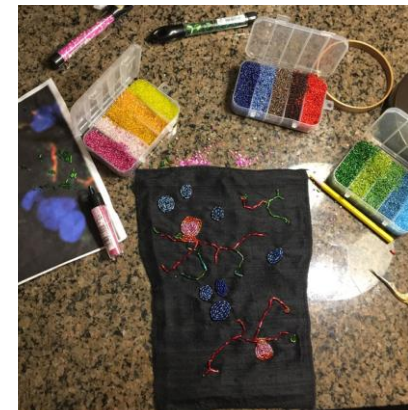
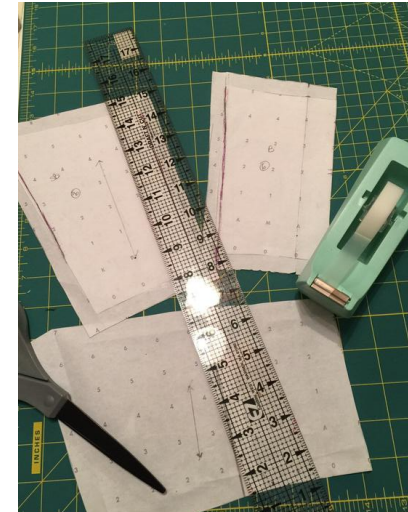
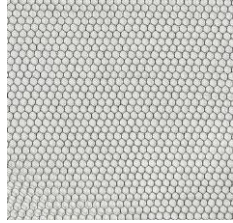
Mood Board

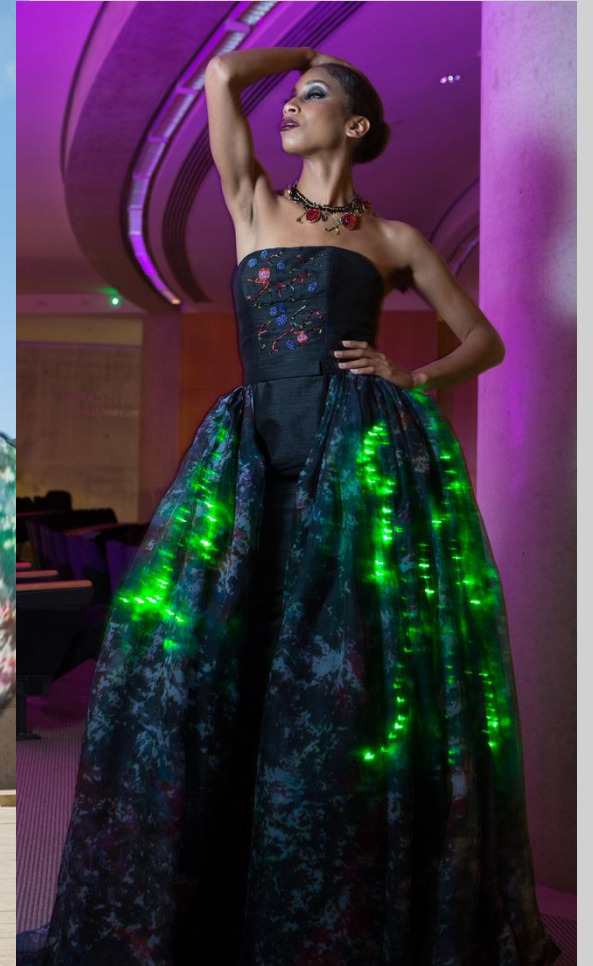


This design was inspired by Dr. Pam Maher's scientific brain research at the Salk Institute in La Jolla, CA. Dr. Maher and her colleagues studied the correlation of sugar and brain inflammation and how that impacts autism.



The form-fitted dress represents the brain on a low-sugar diet. It is made out of dupioni silk and lined with silk with boning and a custom bra to fit the model. The image of the "low sugar" brain cells is bead embroidered on the bodice. The statement necklace also depicts these cells. The silk-lined overskirt represents the brain on a high-sugar diet. It is made out of silk organza that was ice-dyed in the colors and layers of the images of the inflamed brain cells. 600 LED lights are sewn to the skirt's black silk organza underlayer in the shape of the inflamed immune cells.





Photos courtesy of The Salk Institute

Model Amara Carey

Tammie Pontsler Creative Industries LLC

Digital Fabrication

Using Adobe Illustrator and a laser cutter, I etched Norwegian inspired art into corduroy fabric and cut and etched wood to create buttons. Through draping and pattern alteration, I turned the fabric and buttons into a lined, oversized jacket. I created a 3D design in Rhino and made Norwegian folk ark inspired pendants and buttons that were 3D printed. I am excited to do more digital fabrication in future designs.



Fig 1

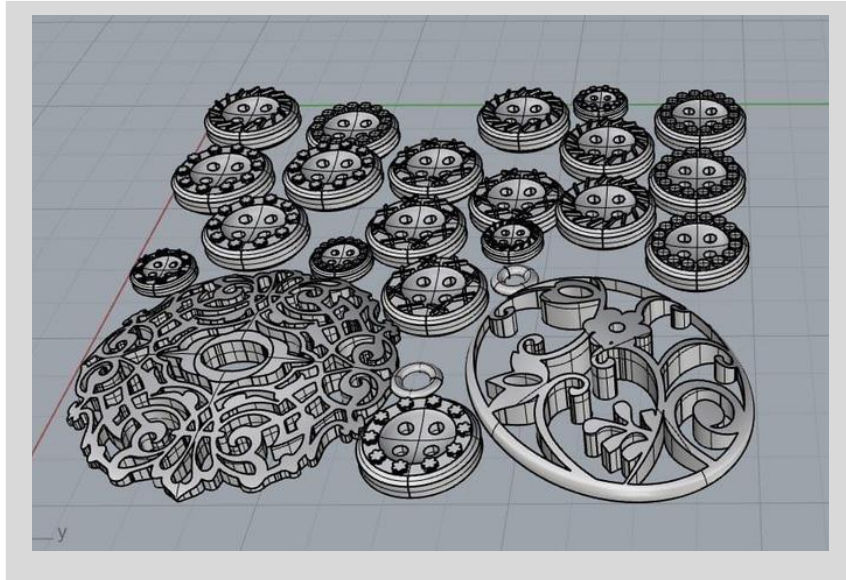


Fig 2

Jacket Design Process



Draping



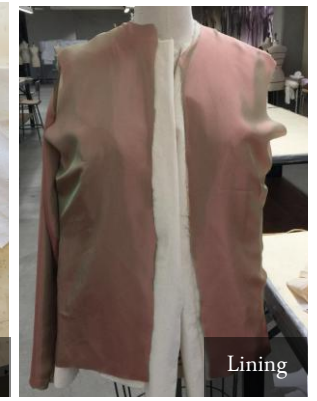
Patterning



Draping



Construction



Lining

Finished Garment



Designing for Butterick Patterns

Responsibilities

As the new designer for Butterick's Palmer/Pletsch line of patterns, my job is to propose designs based on future trends and the teaching needs of Palmer/Pletsch Certified Sewing Instructors. I research trends using industry resources such as WGSN, BoF, Vogue, and others. I look to see what is on the runway for future seasons as well as what is currently in retail. Then I propose my ideas including digital flats created in Illustrator. After designs are selected and I consult on design details, the patternmaking team drafts the patterns to the company's standard and creates a first muslin. I suggest changes and approve the design. I make adjustments to and draw in alteration lines on the pattern and sew the sample garment for marketing. Once the garment is sent off to New York for photography, I write the instructions for sewing the garment for the consumer. I base the steps on the Palmer/Pletsch books and methods for fitting and sewing.

I sewed the sample garment shown in photo and assisted with guidesheet writing.



I sewed sample garments shown in photo and wrote the guidesheet.

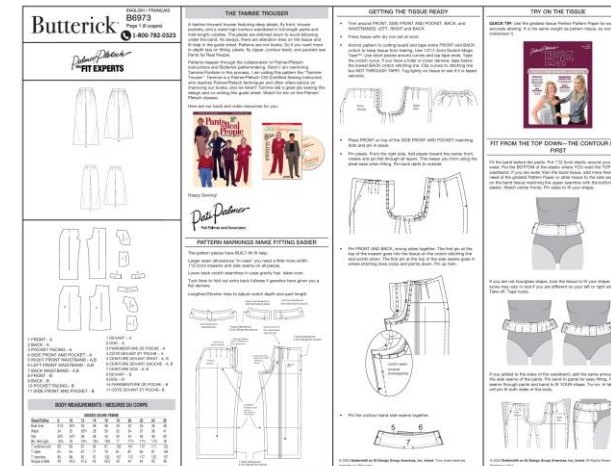


Fig 1 - <https://simplicity.com/butterick/b6960>

Fig 2 - <https://simplicity.com/butterick/b6973>