THE SECRETS ONLY A BIOCHEMIST, DIETITIAN AND CERTIFIED SPORTS NUTRITIONIST COULD KNOW SHAWN WELLS, MPH, RD, LDN, FISSN

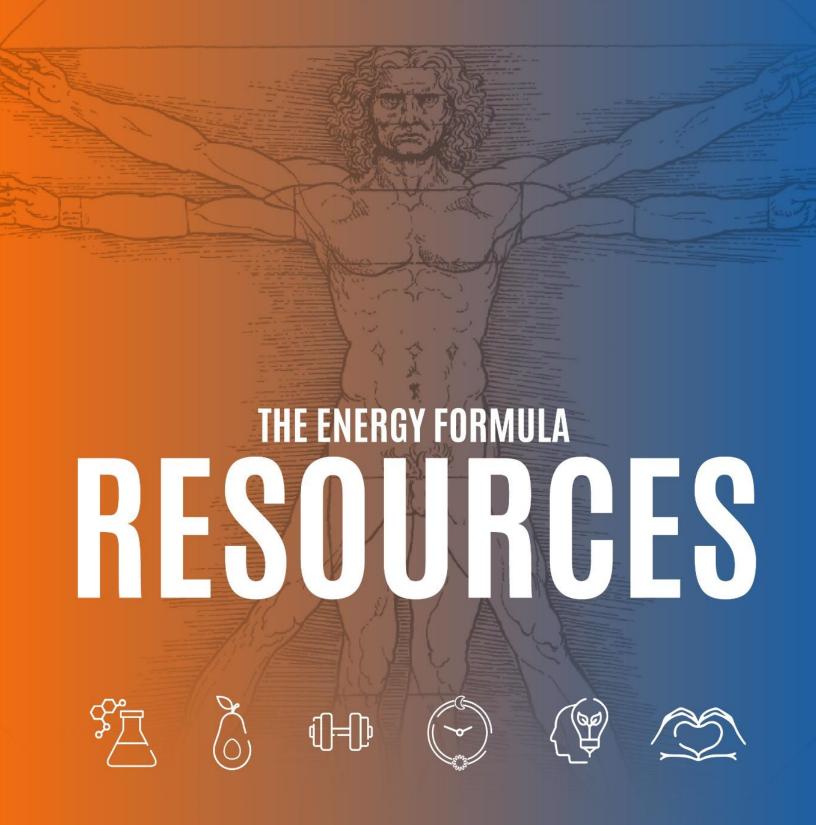


TABLE OF CONTENTS

Preface:	4
Introduction:	4
Formulator's Corner – How to Buy a Good Supplement	4
Chapter 1: Experiment	4
Formulator's Corner – Mitochondrial Dysregulation Supplements	4
Formulator's Corner – Stress Reduction Supplements	4
Resource Hacks (Experiment)	4
Chapter 2: Nutrition	5
Formulator's Corner – Blood Sugar and Glycemic Control Supplements	5
Graphic 18 – Ready to Go Keto "Fast Foods"	5
Formulator's Corner – Ketogenic Diet Supplements	6
Formulator's Corner – Gut Health Supplements	6
Formulator's Corner – Pre, Pro & Post BioticsSynbiotics	6
Resource Hacks – Nutrition	6
Chapter 3: Exercise	7
Formulator's Corner – Exercise Performance Supplements	7
Formulator's Corner – Exercise Strength and Recovery Supplements	8
Resource Hacks – Exercise	8
Chapter 4: Routine	8
Formulator's Corner – Morning and Night Supplements	9
Resource Hacks (Routine)	9
Chapter 5: Growth	9
Formulator's Corner – Fasting Supplements (Growth)	10
Chapter 6: Your Tribe	10
Formulator's Corner – Immune Health Supplements	10
Formulator's Corner – Anti-Aging Polyphenol Supplements	10
Recipes	11
Keto Chicken Tenders	11
Keto Ice Cream	13

Keto Magic Shell	15
Skinny-Cadillac-Margarita	16
Keto Jalapeno Biscuits	17
Keto Protein Waffles	19
Mascarpone Whipped Cream	21
Black Garlic Butter	22

PREFACE:

- Byron Katie Style Therapy
- Kathryn Dixon
- Tah and Kole Whitty
- Apeiron Center for Human Performance
- "Keto Coach" Stephanie Foster

INTRODUCTION:

- TeaCrine
- Dynamine

FORMULATOR'S CORNER - HOW TO BUY A GOOD SUPPLEMENT

- <u>Designs for Health</u> pg. 4
- Pure Encapsulations pg. 4
- <u>Life Extension</u> pg. 4
- Thorne pg. 4
- Nordic Naturals pg. 4
- <u>Doctor's Best</u> pg. 4
- Jarrow pg. 4
- <u>NOW</u> pg. 4

CHAPTER 1: EXPERIMENT

- Optimum Sports Nutrition by Dr. Michael Colgan
- Sports Supplement Review by Bill Phillips
- BioTRUSTIC-5

FORMULATOR'S CORNER - MITOCHONDRIAL DYSREGULATION SUPPLEMENTS

- CurcuWIN pg. 30
- CurcuPrime pg. 30
- AprèsFlex® pg. 31
- GlucoVantage pg. 31

FORMULATOR'S CORNER - STRESS REDUCTION SUPPLEMENTS

- SunTheanine pg. 49
- SerinAid pg. 49

RESOURCE HACKS (EXPERIMENT)

■ MyChon – pg. 59

- Quest Diagnostics pg. 59
- <u>LabCorp</u> pg. 59
- NutrEval pg. 59
- Genova Diagnostics pg. 59
- <u>23andMe</u> pg. 59
- Found My Fitness pg. 60
- Found My Fitness Podcast with Dr. Rhonda Patrick pg. 60
- SelfDecode pg. 60
- SelfHacked pg. 60
- AncestryDNA pg. 60
- Heads Up Health pg. 60
- Biostrap pg. 60
- Oura pg. 60
- Viome pg. 60

CHAPTER 2: NUTRITION

- UNC-Chapel Hill pg. 64
- Babson pg. 64
- Costco pg. 78
- Fed Up pg. 85
- The Dorito Effect pg. 86
- The Body Opus pg. 94
- <u>The Ketogenic Diet for the Practitioner pg. 94</u>
- NIH's Body Weight Planner pg. 100
- Dry Farms Wine pg. 107
- Sprouts pg. 109

FORMULATOR'S CORNER – BLOOD SUGAR AND GLYCEMIC CONTROL SUPPLEMENTS

- GlucoVantage (Dihydroberberine) pg. 83
- MitoBurn (L-BAIBA) pg. 83
- Chromax pg. 84
- Bragg's Cider Vinegar pg. 84

GRAPHIC 18 - READY TO GO KETO "FAST FOODS"

- Butcher Box pg. 96
- EPIC Bon Broth and Pork Skins pg. 96
- Yez! Keto Bread pg. 96
- Redmond Real Salt pg. 96
- Bulletproof Octane Oil pg. 96
- Kerrygold Butter pg. 96
- Heka Good Ketobar pg. 96

- Flying Embers pg. 96
- <u>Lily's Chocolate</u> pg. 96

FORMULATOR'S CORNER - KETOGENIC DIET SUPPLEMENTS

- Redmond Real Salt pg. 120
- LMNT Recharge pg. 120
- <u>Bulletproof Brain Octane</u> pg. 120
- <u>C8Vantage</u> pg. 120
- <u>IFOS</u> pg. 121

FORMULATOR'S CORNER – GUT HEALTH SUPPLEMENTS

- Bioptimizers Masszymes pg. 128
- Dr. Shade's Bitters No. 9 by Quicksilver Scientific pg. 129

FORMULATOR'S CORNER - PRE, PRO & POST BIOTICS...SYNBIOTICS

■ <u>PreForPro</u> – pg. 136

RESOURCE HACKS – NUTRITION

- The Anti-Anxiety Diet by Ali Miller pg. 141
- The Primal Blueprint Cookbook by Mark Sisson pg. 141
- The Keto Reset Diet Cookbook by Mark Sisson with Lindsay Taylor pg. 141
- Cali'flour Kitchen by Amy Lacey pg. 141
- Eating Well, Living Better by Michael Fenster pg. 141
- The Ketogenic Kitchen by Domini Kemp and Patricia Daley pg. 141
- Simply Keto by Suzanne Ryan pg. 141
- Made Whole Made Simple by Cristina Curp pg. 141
- Robb Wolf's Book Series pg. 141
- Explorado Market pg. 141
- Thrive Market pg. 141
- Amazon pg. 141
- Costco pg. 141
- Aldi pg. 141
- <u>Sprouts</u> pg. 141
- Trader Joe's pg. 141
- Whole Foods pg. 141
- Insta-pot (Emeril Lagasse brand) pg. 141
- Santoku knife pg. 141
- <u>Zero app</u> pg. 142
- LIFE Fasting Tracker pg. 142

- <u>FastCoach</u> pg. 142
- Redmond Real Salt pg. 142
- Paleo Powder Seasonings pg. 142
- Primal Kitchen Sauces and Dressings pg. 142
- Kerrygold Butter pg. 142
- SuperFat Nut Butter pg. 142
- Yez! Keto Bread pg. 142
- EPIC Bone Broth and Pork Skins pg. 142
- Whisps Dried Cheese Snacks pg. 142
- <u>HighKey Cereals and Cookies</u> pg. 142
- Visionary Foods Nutola Unsweetened Granola pg. 142
- Choc Zero Syrup and Chocolate Chips pg. 142
- Lily's Dark Chocolate pg. 142
- Killer Creamery Ice Cream pg. 142
- <u>Dry Farm Red Wine</u> pg. 142
- FitVine Wine pg. 142
- Butcher Box pg. 142
- <u>Crowd Cow</u> pg. 142
- Nose to Tail pg. 142
- Slanker Grass-Fed Meat pg. 142
- MyFitnessPal pg. 142
- SparkPeople pg. 142
- Carb Manager pg. 142
- LifeSum pg. 142
- Perfect Keto pg. 142
- Biosense pg. 142
- Keto Mojo pg. 142
- Keto Coach pg. 142

CHAPTER 3: EXERCISE

- C.A.R.O.L. Al Bike pg. 163
- Kelly Clarkson Stronger (What Doesn't Kill You) pg. 170

FORMULATOR'S CORNER – EXERCISE PERFORMANCE SUPPLEMENTS

- Genius Preworkout pg. 160
- <u>CarnoSyn</u> pg. 160
- Onnit pg. 160
- <u>Thorne</u> pg. 160
- LMNT pg. 160

- MitoBurn pg. 161
- CaloriBurn GP pg. 161

FORMULATOR'S CORNER – EXERCISE STRENGTH AND RECOVERY SUPPLEMENTS

- Kion Aminos pg. 176
- NucleoPrime pg. 176
- MitoPrime pg. 176
- <u>Creapure</u> pg. 176

RESOURCE HACKS – EXERCISE

- Bodybuilding.com pg. 183
- Biostrap pg. 184
- Oura pg. 184
- NormaTec Boots pg. 184
- Joovv pg. 184
- Sunlighten Saunas pg. 184
- <u>Theragun</u> pg. 184

CHAPTER 4: ROUTINE

- LongeCity pg. 191
- <u>Bodybuilding.com</u> pg. 191
- International Society of Sprots Nutrition pg. 191
- Dymatize pg. 192
- Smoothie King pg. 193
- <u>Advocare</u> pg. 193
- <u>GNC</u> pg. 193
- Vitamin Shoppe pg. 193
- MAN Sports pg. 194
- Tools of Titans pg. 195
- Perfect Day pg. 198
- Mushroom Coffee by Laird Hamilton pg. 199
- Adaptogen Tea by Four Sigmatic pg. 199
- BoneBroth by Epic pg. 199
- Bone Broth by Fire and Kettle pg. 199
- SunLighten pg. 205
- <u>5-Minute journal</u> pg. 216
- The 4-Hour Work Week pg. 216
- The Warrior Diet pg. 240
- Eat Stop Eat pg. 240

FORMULATOR'S CORNER – MORNING AND NIGHT SUPPLEMENTS

- BioTrust MetaboGreens pg. 212
- Genius Burn pg. 212

RESOURCE HACKS (ROUTINE)

- Manta Sleep sleep mask pg. 225
- Spotify white noise app pg. 225
- Chilisleep (ChiliPAD Sleep System) The Ooler pg. 225
- Chilisleep ChiliBLANKET pg. 225
- F.lux App blue light filter pg. 225
- <u>Somavedic EMF blocker</u> pg. 225
- Joovv pg. 226
- Molekule Air Purifier pg. 226
- TrueDark Dots pg. 226
- SomniFix Sleep Strips pg. 226
- Earthling Straps for grounding pg. 226
- EarthRunners pg. 226
- Ultimate Longevity grounding and sleep mats pg. 226
- BioStrap sleep tracking device pg. 226
- Garmin sleep tracking pg. 226
- Oura sleep tracking pg. 226
- Whoop sleep tracking pg. 226
- Lumie Alarm Clock pg. 227
- Philips goLITE BLU pg. 227
- HumanCharger pg. 227
- Pomodoro Technique pg. 227
- Deep Work by Cal Newport pg. 227
- <u>Trello</u> pg. 227
- <u>Asana</u> pg. 227
- Slack pg. 227
- Google Keep pg. 228
- Elevate pg. 228
- <u>Spotify</u> pg. 228
- Blinkist pg. 228
- Headspace pg. 228
- <u>Audible</u> pg. 228

CHAPTER 5: GROWTH

■ Mindset Carol Dweck -pg. 260

- <u>Simon Sinek Start with Why</u> pg. 260
- <u>TeloYears</u> pg. 266
- <u>Viome</u> pg. 266
- <u>The Four Agreements Don Miguel Ruiz</u> pg. 267

FORMULATOR'S CORNER - FASTING SUPPLEMENTS (GROWTH)

- Redmond Real Salt pg. 243
- Bragg's Cider Vinegar pg. 243

CHAPTER 6: YOUR TRIBE

FORMULATOR'S CORNER – IMMUNE HEALTH SUPPLEMENTS

- <u>Life Extension zinc acetate lozenges</u> pg. 299
- Quicksilver Scientific liposomal glutathione pg. 300
- MitoPrime pg. 301
- <u>Sovereign Labs Colostrum</u> pg. 301

FORMULATOR'S CORNER – ANTI-AGING POLYPHENOL SUPPLEMENTS

■ Bulletproof – pg. 282

RECIPES

Keto Chicken Tenders

Ingredients:

- Psyllium Husk
- MCT powder
- Baking powder
- Black pepper
- Smoked salt
- Paleo powder All Purpose or (Old Bay/Seasoned Salt)
- Raw chicken breast tenders
- Eggs
- Pork rinds
- Whisps
- Ghee
- Bacon fat
- Sour cream
- Cumin
- Cayenne pepper
- Old Bay /Paleo seasoning
- Onion powder
- Garlic powder
- Black pepper

Instructions:

- 1. In a gallon-size plastic Ziploc bag combine:
 - 2 tablespoon Psyllium Husk
 - 1 scoop MCT powder
 - 1 teaspoon baking powder
 - 1/2 teaspoon black pepper
 - 1/2 tsp smoked salt
 - 1 teaspoon paleo powder All Purpose or (Old Bay/Seasoned Salt)
- 2. Shake to combine in the Ziploc bag and then add:
 - 1 package raw chicken breast tenders
- 3. Preheat oven 375°
- 4. 6 eggs beaten until light and fluffy



- 5. 7.5 oz. pork rinds in a food processor then add:
 - 9.5 oz. Whisps
 - Pulverize with Pork Rinds
- 6. Place in large bowl
 - 1 cup Ghee
 - 1 cup Bacon Fat
- 7. Heat large saute pan on low heat but hot enough to sizzle breading
- 8. Place seasoned tenders in egg wash bowl and then coat both sides. (Try and use forks for the 'wet' part of flipping and keep your fingers dry... except two fingers that are sort of your 'wet' fingers to assist with the fork flip and transfer.)
- 9. Do all tenders
- 10. Repeat coating step. Work through as many as you can until you run out of coating
- 11. Fry each side 1-3 minutes (Don't crowd the pan and don't let the tenders touch! Bake until golden brown)
- 12. Put onto oven-proof baking rack on a sheet pan and bake until internal temperature is 165F

Dipping Sauce—Combine:

- 1 c sour cream
- 1 2 tsp cumin
- 1 tsp cayenne pepper
- ½ 1 tsp Old Bay /Paleo seasoning
- ¼ ½ tsp onion powder
- ¼ ½ tsp garlic powder
- ¼ 1 tsp smoked salt
- ¼ 1 tsp black pepper

Serve with dipping sauce.

Keto Ice Cream

Ingredients:

- Medium Oven Safe Bowl
- Medium Pot
- Extra Large Bowl
- MCT Oil
- Butter
- Heavy Cream
- Vanilla Bean Pods
- Sweetener of Choice
- Strainer
- Mascarpone Cheese
- Eggs, Separated
- Cocoa or other flavorings as desired



Instructions:

Step 1:

- Medium Oven Safe Bowl (fit inside pot with bottom touching boiling water)
- Medium Pot (¼ filled with water)
- Create a double boiler

Step 2:

- ¼ c MCT Oil
- ½ c Butter
- 1 c Heavy Cream
- 2 Vanilla Beans opened
- ½ c Sweetener of Choice
- Heat all in double boiler for five minutes

Step 3:

- 4 Egg Whites
- Beat until stiff. (Keep away from the heat)

Step 4:

- Strainer
- 4 Egg Yolks
- SLOWLY Strain the vanilla bean cream into beaten egg yolks (this is called tempering)
- Place back into the double boiler

Step 5:

- 1 container of Mascarpone Cheese
- Add to double boiler and continue to cook about five minutes. (Mixture is ready when it coats the back of a spoon and a clean line remains after a finger swipe)
- Taste the mixture for desired sweetness. Adjust as needed. Consider adding cocoa or other flavorings if desired.

Step 6:

- Extra Large Bowl (with ICE & some water)
- Remove bowl from pot and place on top of the large bowl and whisk for five minutes

Step 7:

- Fold whites into ice cream base
- Pour into single serve containers (glass works better than plastic) and freeze 4 hrs.

Enjoy!!!

Consider toping with Keto Magic Shell

Keto Magic Shell

Ingredients:

- Coconut oil
- Butter
- Cocoa powder
- Powdered sweetener of choice

Instructions:

- 30g of butter
- 60g coconut oil
- Melt. Do not brown or over cook. Remove from heat.
- 30g of cocoa powder
- Sift and whisk in into the liquid. Sift and whisk
- 60g powdered sweetener of choice
- Sift and whisk over low heat into the coco mixture
- Drizzle over frozen ice cream
- Store at room temperature
- Reheat in 2-3 15 sec intervals in the microwave. Do not scorch chocolate sauce while reheating

Skinny-Cadillac-Margarita

Ingredients:

- Top Shelf Tequila
- Limes
- Orange liquor
- Sweetener of choice (optional, to taste)
- Shaker
- Ice
- Salt for rims of glasses
- Glasses



Instructions:

Step 1:

- If using sweetener, place at the bottom of the shaker
- 3 Limes
- Squeeze into the shaker

Step 2:

- 4 Shots Tequila
- 2 Shots Orange liquor
- 3 Cups (720ml) Ice
- Shake, shake, shake

Step 3:

- Squeezed limes
- Use to coat the glass rims
- Salt
- Dip lime-coated glasses into the salt
- Repeat for all 3 glasses

Pour Margaritas w/ice into the glasses and enjoy!

Keto Jalapeno Biscuits

Ingredients:

- Almond flour
- Granulated garlic
- Baking soda
- Zanthum gum
- Smoked sea salt
- Butter
- Cheese, shredded
- Cream cheese
- Jalapenos
- Eggs



Instructions:

Preheat oven to 375F and line a cookie sheet with parchment paper or use non-stick mats

Bowl 1:

- 5 tbsp butter
- 8 oz cream cheese
- In a glass mixing/measuring bowl place the butter and cream cheese.
- Microwave on low until butter melts and cream cheese is very soft. Stir with fork until smooth. Allow to cool.

Bowl 2:

- 1½ cups almond flour
- 2 tsp granulated garlic
- 1 tsp baking soda
- 1 tsp xanthum gum
- ½ tsp smoked sea salt
- Pulse ingredients until well combined in a food processor
- Add 4 tbsp Butter, cold and chopped
- Pulse into dry ingredients. Remove and set aside

Bowl 3:

- 1 cup almond flour
- 8 ounces shredded cheese of choice

- Pulse flour and cheese until fine grained. Remove and set aside
- 1 Jalapenos, cored and finely chopped
- 2 large eggs
- Add eggs into bowl 1 (cream cheese mixture), and pulse until glossy and smooth
- Pulse bowls 1 and 2
- Scrape the food processor
- Pulse in bowl 4; flour/cheese mixture
- Add jalapenos. Pulse a few times and turn out into bowl. Scrape sides of food processor and fully mix everything with spatula.
- Drop ¼ cup mounds onto a cookie sheet lined with parchment or non-stick mats, spacing them about 2 inches apart. You'll need two cookie sheets. Switch pan positions about halfway through baking time
- Bake for 20 to 25 minutes, or until the top starts to show a slight golden-brown color.
- Remove and let cool 10 minutes.

Keto Protein Waffles

Ingredients:

- Cooking Spray
- Cream Cheese
- Whipping Cream
- Almond Flour
- Coconut Flour
- Protein powder
- Baking powder
- Baking soda
- Cinnamon
- Salt
- Eggs
- Sugar-free syrup
- Butter



- Plug in your waffle maker. It needs at least 20 min to get HOT
- Cooking Spray
- OVEN set to 325 I just turn mine down after cooking bacon on cookie sheets lined with foil at 400 degrees for 20 min while preparing the batter.

Glass Bowl - Step 2

- 8 oz cream cheese
- 1 c whipping cream
- Warm the cream cheese and milk low and slow in the microwave; whisk until combined. Allow to cool.

Dry Bowl - Step 3

- 1/4 c Almond Flour
- 1/4 c Coconut Flour
- 2 scoops favorite Protein powder
- 2 tsp Baking Powder
- 1/2 tsp Baking Soda
- 1 tsp Cinnamon
- 1/2 tsp Salt
- Whisk or sift all dry ingredients.

Mixing Bowl - Step 4



- 4 egg whites
- Beat until stiff peaks form. (I fry the remaining egg yolks and serve on the side with bacon)

Cook Waffles - Step 5

- Combine the first two bowls, saving the egg whites for last; try to fold them into batter. Allow to rest. (This is when I remove the bacon for the cookie sheets and clean up the dishes.)
- Spray the waffle maker before each waffle. I usually use only 1/2 cup of batter and just pour the batter into the very center. Close the lid and the rest will spread out. Cook for 4 min. total. Ideally, I flip at 2 min, if the waffle maker allows for that function.
- If you want perfectly round waffles use 1 cup of batter. (I find that 1 cup causes more mess to clean up, doesn't cook as well and is too much to eat.)
- Place cooked waffles on an oven-safe serving dish in the oven as they are removed from the waffle maker. The last waffle made needs at least ten minutes before serving. Use this time to set the table, pour coffee, grab butter and syrup.

Mascarpone Whipped Cream

Ingredients:

- Heavy Cream
- MonkSweet
- Vanilla Extract
- Almond Extract
- Mascarpone Cheese
- Food Processor

Instructions:

- 1 cup Heavy Cream
- ¼ cup MonkSweet
- 1 tsp Vanilla Extract
- ½ tsp Almond Extract
- Whip the four ingredients above in food processor until stiff peaks form
- 1 container Mascarpone cheese
- Add cheese and mix on lowest setting until mixture and cheese are well combined

Will last three days in the fridge without separating. Can be piped onto desserts for a "prettier" finish.



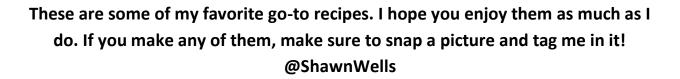
Black Garlic Butter

Ingredients:

- Heavy Whipping Cream
- Black Garlic Heads
- Salt
- Cheesecloth (or very thin dish towel)
- Food Processor

Instructions:

- 1 cup heavy whipping cream
- Put into a food processor and run until it begins to separate into butter
- Remove from food processor; drain the liquid before scraping the bowl
- Place "butter" in a clean cheesecloth. Wring mixture out as tightly as possible
- Put mixture back into the food processor
- 2 peeled cloves of black garlic
- 1 tsp salt
- Add garlic and salt to food processor and mix. Taste and add more salt if desired
- Remove mixture from the food processor, squeeze excess liquid out
- Place garlic butter mixture into desired shape or container.



Enjoy!

~ Shawn Wells

