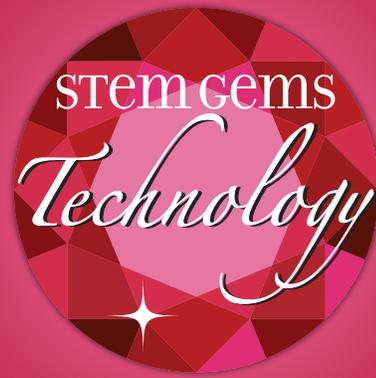


STEM Gem Career:
BIO-TECHNOLOGIST

STEM Gem:
ERIKA EBBEL ANGLE

“Find mentors who can support you ... It means being proactive. You’re not expected to know how to do it all yourself. None of us were born with all this knowledge.”



Is a career as a Bio-technologist in your future? Possibly... if you are interested in helping people to minimize their chances of developing diseases such as ALS, Parkinson’s, Alzheimer’s, diabetes, and more. Through technology, STEM Gem Erika Ebbel Angel is giving the patient control to be able to do something about his or her health long in advance. Read her story and digest. Consider watching one of her videos. Then, with your STEM Gems Tribe, **discuss, explore, reflect,** and **act.**

DISCUSS

1. How do Bio-technologists make a difference in the world?
2. What experiences did Dr. Erika have that led to her pursuit of a career as a Bio-technologist?
3. What is Dr. Erika’s educational background?
4. What are some of the challenges that Dr. Erika faced along her journey?
5. What are some of Dr. Erika’s key accomplishments?
6. What inspired you most about Dr. Erika’s story?
7. Dr. Erika says: *“Find mentors who can support you... It means being proactive. You’re not expected to know how to do it all yourself. None of us were born with all this knowledge.”* Dr. Erika openly states that everyone needs help. Why is it better to ask questions and seek help than to try to figure it all out on your own?

EXPLORE

1. To pursue a career as a Bio-technologist, what college majors should you consider?
2. What colleges and universities have programs in these areas?
3. What types of jobs are available for Bio-technologists? What is the salary range for a Bio-technologist?
4. What classes should you take in middle and high school to prepare for college and a career as a Bio-technologist?
5. Name at least two other women Bio-technologists. How are they similar to Dr. Erika? How are they different?
6. What professional organizations support women in Bio-technology? Do they have programs established for middle and high school students?

REFLECT

Dr. Erika believes that girls and young women considering a STEM path should have a mentor. Why is having a mentor so important? Have you ever had a mentor that provided career and life coaching for you? Can you think of anyone in your family, school, or community that could possibly be a mentor for you?

ACT

It's time to step outside your comfort zone. Name one concrete thing you will do before your next meeting that will have you one step closer to becoming a STEM Gem. Blog about it. Include it in your written or photo journal. Hold yourself accountable.

Work hard. Be brave. Stay curious.

BE A GEM!

Stephanie Espy

P.S. I'd love to hear about your journey. Share on Facebook, Twitter, or Instagram and tag @STEMGemsBook #STEMGemsTribe, or email me at tribe@STEMGemsBook.com.