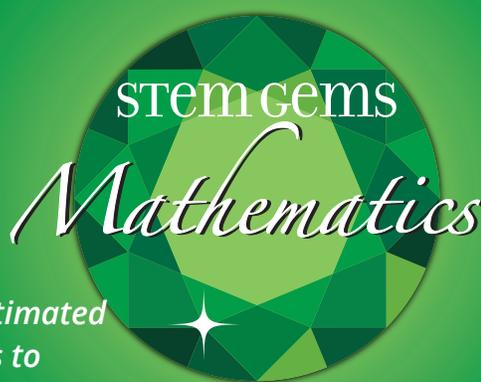


STEM Gem Career:
BIostatistician

STEM Gem:
Stacy Lindborg

"I remember them looking at me and thinking that I was young and inept. They totally underestimated me. But it motivated me and turned up my juices to where I was like 'I'll prove you wrong.'"



Is a career in Biostatistics in your future? The field of Statistics is all about applications. STEM Gem Stacy Lindborg brings statistical innovation and a multi-team approach to the pharmaceutical industry. She has tackled statistical problems on treatments for schizophrenia, neurological disorders, and many other conditions. Read her story and digest. Watch one of her videos. Then, with your STEM Gems Tribe, **discuss, explore, reflect,** and **act.**

DISCUSS

1. How do Biostatisticians like Dr. Lindborg make a difference in the world?
2. What experiences did Dr. Lindborg have that led to her pursuit of a career as a Biostatistician?
3. What is Dr. Lindborg's educational background?
4. What are some of the challenges that Dr. Lindborg faced along her journey?
5. What are some of Dr. Lindborg's key accomplishments?
6. What inspired you most about Dr. Lindborg's story?
7. Dr. Lindborg says: *"I remember them looking at me and thinking that I was young and inept. They totally underestimated me. But it motivated me and turned up my juices to where I was like 'I'll prove you wrong.'"* How did Dr. Lindborg turn negative energy into motivation to succeed?

EXPLORE

1. To pursue a career as a Biostatistician, what college majors should you consider? What colleges and universities have programs in these areas?
2. What companies hire Biostatisticians? What is the salary range for a Biostatistician?
3. What classes should you take in middle and high school to prepare for college and a career as a Biostatistician?
4. Name at least two other women Biostatisticians. How are they similar to Dr. Lindborg? How are they different?
5. What professional organizations support women in Biostatistics? Do they have programs available for middle and high school students?

REFLECT

Dr. Lindborg's father, an engineer who loved math, heavily influenced her growing up. He would help her with math problems from next year's textbook. Those experiences gave her a solid math foundation and boosted her confidence. What can you do during your summer breaks to get a head start and strengthen your math foundation?

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.