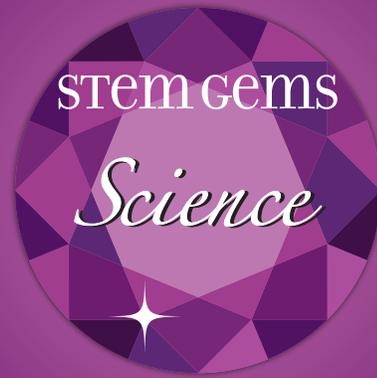


STEM Gem Career:  
**ATMOSPHERIC SCIENTIST**

STEM Gem:  
**INEZ FUNG**

*“My reward isn’t money. You can’t compensate for that magic moment when you say ‘Aha’ and you find the answer.”*



Is a career in Atmospheric Science in your future? It could be... let's learn more and see. STEM Gem Inez Fung is making strides every day in her career – and making the world a better place for everyone. Read her story and digest. Watch one of her online videos. Then, with your STEM Gems Tribe, **discuss, explore, reflect,** and **act.**

## **DISCUSS**

1. How do Atmospheric Scientists make a difference in the world?
2. What experiences did Professor Fung have that led to her pursuit of a career as an Atmospheric Scientist?
3. What is Professor Fung's educational background?
4. What are some of the challenges that Professor Fung faced in pursuit of her dreams?
5. What are some of Professor Fung's key accomplishments? What is she most known for?
6. What inspired you most about Professor Fung's story?
7. Professor Fung says: *“My reward isn't money. You can't compensate for that magic moment when you say 'Aha' and you find the answer.”* What does this mean to you?

## EXPLORE

1. To pursue a career as an Atmospheric Scientist, what college majors should you consider?
2. What colleges and universities have programs in these areas?
3. What is the salary range for an Atmospheric Scientist?
4. What classes should you take in middle and high school to prepare for a career as an Atmospheric Scientist?
5. Name two other women Atmospheric Scientists. How are they similar to Professor Fung? How are they different?
6. What professional organizations support women in Atmospheric Science? Do they have programs established for middle and high school students? How can you get involved?

## REFLECT

Professor Fung fell in love with earth science when she saw its many applications. Her curiosity for the planet – how the whole system comes together – connected her to something concrete. What are you curious about? What existing problem would you like to solve one day?

## 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](mailto:tribe@STEMGemsBook.com).