

Listen to the complete interview: Sharon R. Long

[Professor of Biological Sciences, Stanford University](#)

[Dean, School of Humanites and Sciences, Stanford University \(2001-2007\)](#)

[Member, National Academy of Sciences](#)

[MacArthur Fellowship \(1992\)](#)

Introduction Track: Keywords / Phrases

- Legumes
- Fertilizer
- Bacteria
- Nitrogen
- Plants

All sample questions are designed in order to apply internet search as a basis for exploring and discovering new information.

Sample Questions

- In the complete interview of Professor Long she describes the importance of legumes to her research. What are legumes? Why are they important to Professor Long's research?
- Why are legumes able to exist without nitrogen fertilizer? Why is nitrogen fertilizer important for the growth of other plants?
- Why is the ability of legumes to capture nitrogen from the air an important characteristic?