



Dr. Joseph B. McPhee

Date of birth: March 18

Recent Awards:

2012 - Michael G. DeGroot post-doctoral fellowship, McMaster University

Current research interests: Adherent-invasive *E. coli*, two-component signal transduction, host-defense peptide resistance, host-pathogen interaction.

Hobbies: home-brewer and certified beer judge, amateur cook.

The secrets for being a successful scientist are ... **Following the data and not being too seduced by a pretty hypothesis..**

My biggest motivation is ... **Being a role model for my daughter!**

My favorite way to spend a holiday is ... **Exploring pubs in a city I've never visited before.**

I am waiting for the day when someone will discover ... **How abiogenesis began and repeating it *in vitro*. It will impact how scientists, philosophers and religious scholars view the origin of life.**

My favorite meal is ... **Real barbeque; slow smoked ribs, slaw, and a good bottle of IPA.**

My top three films of all time are ... **The Godfather, Chinatown, Apocalypse Now.**

My favorite quote is ... **"Beware of false knowledge; it is more dangerous than ignorance" – George Bernard Shaw.**

The best stage in a scientist's career is ... **I'll let you know when I'm retired... I've enjoyed them all so far.**

My first experiment was ... **Figuring out whether common items from my parents basement would burn... most of them did!**

My favorite book is ... **The Eighth Day of Creation by Horace Freeland Judson. It should be required reading for trainees in the biological sciences. It demonstrates the passion, the anguish and the humanity of the people who laid the groundwork for molecular biologists today. We often don't appreciate the difficulty of discovering the things that are in textbooks today, but this book shines a light on the process of how science works in a gripping narrative..**

If I could have dinner with 3 famous scientists from history they would be... **Linus Pauling, Francis Crick, Louis Pasteur.**

My best investment was ... **Choosing a fantastic PhD mentor: Bob Hancock was and remains a fantastic mentor.**

The most significant scientific advance of the last 100 years has been ... **The discovery of antibiotics has enabled the development of the majority of modern medicine.**