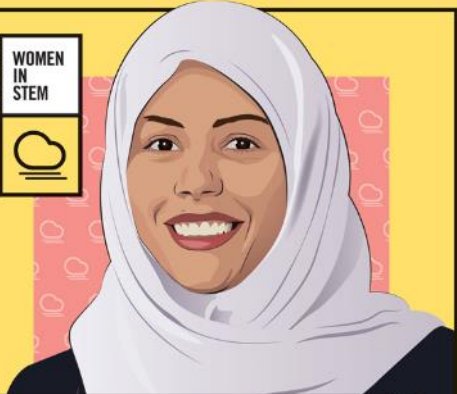


WOMEN IN STEM



WOMEN IN STEM

HIND AL-ABADLEH

Cracking the Chemistry of Climate Change

Professor Al-Abadleh's air pollution expertise won her the Fulbright Canadian Research Chair in Climate Change. She explores fundamental questions about the chemistry of air pollution, especially ground-level ozone and inhalable microscopic particles.

Ingenium is committed to encouraging and empowering women and girls in science, technology, engineering, and math. Learn more at: ingeniumcanada.org/womeninstem/

ingenium Canada

CONCEPTS AND CONNECTIONS

Despite having some of the highest marks coming out of high school, **Hind Al-Abadleh** had to fight to pursue her dreams of gaining admission to university. Diversity benefits women and marginalized communities. But more broadly, it benefits everyone: for instance, studies have shown that the output of work from mixed-gender research teams is higher quality than single-gender teams.

Did you know?

A recent study of businesses demonstrated a strong correlation between a diverse work force and higher profits.*

Grades 4-6	Grades 6-8	Grades 9+
<p>Diversity can mean different things to different people – it can include appearance, behaviour, experiences and beliefs.</p> <p>Do you think diversity is important? Why?</p> <p>What are different types of diversity?</p>	<p>Diversity can mean different things to different people – it can include appearance, behaviour, experiences and beliefs.</p> <p>Why do you think diversity is important? Why?</p> <p>What are different types of diversity?</p> <p>How could STEM fields benefit from more diversity?</p>	<p>Diversity can mean different things to different people – it can include appearance, behaviour, experiences and beliefs.</p> <p>Why do you think diversity is important? Why?</p> <p>What are different types of diversity?</p> <p>How could STEM fields benefit from more diversity?</p> <p>What can industry and academia do to increase diversity in STEM?</p>

References:

Hunt, Vivian; Layton, Dennis; Prince, Sarah: Diversity Matters. November 2014, McKinsley & Company