



Career Growth for Females in Sciences, the Challenges, Opportunities and Experiences

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COLLECTION
Gender Studies

EDITION
1st edition

MARKET
College/higher education
and Professional and
scholarly

This course reading...

- Combines leadership perspectives, panel discussions, original research, and lived experiences in one cohesive and accessible volume.
- Bridges academic research with practical insights to inform teaching, policy development, and institutional reform in science education and careers.
- Critically examines systemic and cultural barriers—including patriarchy, stereotyping, faith, mentorship, and resilience—that shape women's career progression in science.
- Offers globally relevant insights for academia, civil society, research institutions, and international development organizations working toward gender equity in STEM.
- Ideal for scholars and students in gender and STEM studies, university leaders, policymakers, research managers, and organizations advancing women and girls in science.

What does it truly take for women and girls to thrive and advance in the sciences?

Career Growth for Females in Sciences, the Challenges, Opportunities and Experiences brings together leadership perspectives, panel discussions, original research, and powerful lived experiences to examine the realities shaping women's academic and professional journeys in scientific fields. As the second volume in a growing series, this book deepens the conversation on gender equity in science by exploring the structural, cultural, and personal factors that influence career progression.

Across four thoughtfully curated chapters, contributors examine themes such as patriarchy, cultural stereotyping, faith, mentorship, resilience, and institutional support systems. Voices from academia, research institutions, and professional practice illuminate both the barriers women face and the strategies that enable success. The volume also raises critical questions about whether these challenges are unique to women or reflective of broader systemic issues in scientific careers.

Blending research, expert insights, and personal narratives, this book offers evidence-informed reflections to guide policy, institutional reform, and individual empowerment. It is ideal for students and scholars in gender studies and STEM education, academic leaders, policymakers, research institutions, professional development programs, and practitioners committed to advancing equity and leadership opportunities for women and girls in the sciences.

Priscilla Nyadoi is a Ugandan forestry ecologist, academic leader, and Chairperson of the Organisation for Women in Sciences (Uganda National Chapter), with extensive experience in research, policy, and advocacy for women in STEM.

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