Creative Solutions to Global Issues in Audiology and Speech-Language Pathology
SIG 17

INTRODUCTION

In an ever-changing global landscape, it is pertinent that audiologists and speech-language pathologists “account for the complexity and diversity of healthcare contexts” (as stated in the second article by Pillay and Pillay). Pressing concerns related to advancing technology (artificial intelligence and machine learning), culturally responsive practice, and rapid climate change are all trending societal conversations. This SIG 17 self-study explores creative solutions to pressing global issues that impact the field of audiology and speech-language pathology. Topics presented include key ethical concerns regarding hearing aids with machine learning, a novel culturally responsive framework for contextualized clinical reasoning, and the impact of climate change on communication and swallowing disorders.

LEARNING OUTCOMES

You will be able to:

- describe the three human data interaction principles applicable to confidentiality and privacy and how it relates to machine learning technology in hearing aids
- analyze the applicability of the contextualized clinical reasoning framework to your current clinical setting
- describe the nature of climate change and identify its effects specifically on communication and swallowing disorders

CONTENTS

Using Nominal Group Technique to Identify Key Ethical Concerns Regarding Hearing Aids With Machine Learning by Alida Naudé and Juan Bornman

Syncing Our Global Thinking: A Framework for Contextualized Clinical Reasoning by Thiani Pillay and Mershen Pillay

Communication and Swallowing Disorders: The Effects of Climate Change by Sue Sherratt

PROGRAM HISTORY and IMPORTANT INFORMATION

Start date: September 29, 2022
End date: September 29, 2027

ASHA Self-Study WEBS1721709
To earn continuing education credit, you must complete the learning assessment on or before September 29, 2027.

This course is offered for 0.25 ASHA CEUs (Intermediate level, Professional area).