

EDUCATION

- PhD, 2007
Inorganic Chemistry
University of the Witwatersrand (Wits)
Johannesburg, South Africa.

- B.Sc., 1999
Chemistry
National University of Rwanda
Huye, Rwanda.

PROFESSIONL ORGANIZATIONS

American Chemical Society

HIGHLIGHTS OF EXPERIENCE

Dr. Munyaneza has over 20 years experience of chemistry. He holds a PhD in chemistry from the University of the Witwatersrand (South Africa, 2007). He has extensively worked in the area of green chemistry and catalysis during his postdoctoral fellowship as well as faculty member at the University of Botswana.

Dr. Munyaneza worked on projects of environmental significance among others:

- Synthesis and characterization of compounds with properties to improve properties of bio-fuels form non-edible plants

- Synthesis and characterization of compounds that are heavy metal scavengers from polluted water
- Synthesis and characterization of metal catalysts for the polymerization of higher olefins
- Metal Organic Frameworks (MOFs) that can encapsulate active metal catalysts.
- Inorganic complexes with biological activities

Analytical techniques

Dr. Munyaneza has extensive knowledge in various chemistry analytical techniques and data interpretation such as GC-MS, NMR spectroscopy, Elemental analysis, X-ray diffraction, thermogravimetric analysis, cyclic voltammetry, UV-vis.

He has over 15 publications in internationally recognized journals.