

Curriculum Vitae

PERSONAL DETAILS

Name: Julius Mwenda William
Sex: Male
Date of birth: 17th Feb 1984
ID no: 23073681
Place of Birth: Kianjai, Meru
Language: English, Swahili (Written and Spoken)
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EDUCATION

2011 to Sept 2014 PhD (Organic Chemistry), Nagasaki University
2008 to 2011 MSc. (Chemistry), Nagasaki / Kenyatta University
2003 to 2007 B.Ed (Science) (*Chem /Maths*), 1st Class Honors, Kenyatta University
1998 to 2001 KCSE B+ Miathene Secondary School

AREA OF SPECIALIZATION

- (1). Synthetic Organic Chemistry,
- (2). Green Chemistry

PRESENTATIONS AND CONFERENCES

1. J. M. William, M. Kuriyama, and O. Onomura, *International Kyoto conference on new aspects of organic chemistry (IKCOC-12,)* Kyoto. Selective oxidation of 1,2-diols catalyzed by Me₂SnCl₂, **20 12**.
2. J. M. William, M. Kuriyama, and O. Onomura, *Electrochemical society of Japan conference, Tokyo*. Electrochemical oxidation of 1,2-diols in water, **2013**.
3. J. M. William, M. Kuriyama, and O. Onomura, *Germany/Japanese electro-organic synthesis symposium, Kyoto*. Activation of 1,2-diols leading to selective electrochemical oxidations, **2013**.
4. J. M. William, M. Kuriyama, and O. Onomura, *Banyu conference, Fukuoka*. Boronic acid activation of 1,2-diols in water, **2014**.

REFEREED RESEARCH PUBLICATIONS

1. W. Muramatsu, J. M. William, and O. Onomura, Selective Monobenzylation of 1,2- and 1,3-diols catalyzed by Me_2SnCl_2 in water (organic solvent free) under mild conditions, *Journal of Organic Chemistry*. **2012**, *77*, 754–759.
2. J. M. William, M. Kuriyama, and O. Onomura, Electrochemical oxidation of 1,2-diols to α -hydroxy ketones in water, *Electrochemistry*, **2013**, *81*, 374–376.
3. J. M. William, M. Kuriyama, and O. Onomura, An efficient method for selective oxidation of 1,2-diols in water catalyzed by Me_2SnCl_2 , *RSC Advances*. **2013**, *3*, 19247–19250.
4. J. M. William, M. Kuriyama, and O. Onomura, Boronic acid catalyzed selective oxidation of 1,2-diols to α -hydroxy ketones in water. *Advanced Synthesis & Catalysis*. **2014**, *356*, 934–940.
5. J. M. William, M. Kuriyama, and O. Onomura, Boronic acids; Versatile trigger for 1,2-diols oxidation. Cover page. *Advanced Synthesis & Catalysis*. **2014**, *356*, 886.
6. J. M. William, M. Kuriyama, and O. Onomura, Simple method for selective oxidation of 1,2-diols in water with $\text{KBrO}_3/\text{KHSO}_3$. *Tett Lett.* **55** (2014) 6589–6592.

WORK AND PROFFESIONAL EXPERIENCE

1. Lecturer Chemistry Department Kenyatta University (Sept 2014-to Date).
2. Part-time Lab assistance, Nagasaki University, training and assisting undergraduate and master students with experiments, 2012-current (2yrs).
3. Research consultant on organic synthesis of creosol, ICIPE, 2011 (7 months).
4. Kenyatta University Laboratory assistant, marking undergraduate lab reports, 2010.
5. Bridge International academy Chemistry Teacher for Pilot program, 2008 (8 months).
6. Tutor Sipet College Experiment training, 2008 (2months).

AWARDS AND HONOURS

1. First class honors B.Ed (Science) Kenyatta University, 2007.
2. School of pure and applied sciences, Masters Scholarship, Kenyatta University, 2008.
3. JASSO Scholarship Nagasaki University, Japan, special research program, 2009-2010.
4. *Mombukagusho* Scholarship Nagasaki University, Japan for PhD course 2011-2014.
5. Nomination for Journal of the month for March 2014, *Advanced Synthesis & Catalysis*.

RESEARCH INTERESTS

1. Structure modification study of natural repellents to boost pest repellency.
2. Analysis of harmful contents in locally manufactured cosmetics and traditional medicine.
3. Clean selective reactions of polyols in water.

LEADERSHIP AND RESPONSIBILITIES

1. Member of Management board Kitui Campus (Jan 2015 to Date).
2. Kitui Campus Examination Coordinator (Jan 2015 to Date).
3. Chair Kenyans in Nagasaki group (2012-2013).
4. Vice chair, Meru University students association (2005-2006).

REFEREES

NAME	POSITION	ADDRESS
Prof Ahmed Hasanali	Prof of Chemistry Kenyatta University	Cell Phone 0722206231 P.O. Box 48400, Nairobi, Kenya ahmedhassanali786@gmail.com
Dr. Margaret Nga'nga'	Lecturer, Chemistry Kenyatta University	Cell Phone 0722368918 P.O. Box 48400 Nairobi Mwihaki7@yahoo.com
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