

## ACADEMIC STAFF PROFESSIONAL PROFILE FORM



### 1. Personal Data

<b>Name:</b> Lydia Asande
<b>Title/Qualifications:</b> Ms
<b>Department/Unit/Section:</b> Plant Sciences
<b>Contact Address:</b> 383- 030100 Eldoret
<b>Position:</b> Tutorial fellow
<b>Area of Specialization:</b> Genetics
<b>Research Interests:</b> Plant genetics and Biotechnology
<b>Google scholar</b>
<b>ORCID:</b> <a href="https://orcid.org/0000-0003-3948-2249">https://orcid.org/0000-0003-3948-2249</a>

### 2. Academic Qualifications

2015 - date Kenyatta University (KU), Nairobi, Kenya  
Doctor of Philosophy (PhD) in Genetics

2012 – 2014 University of Nairobi (UON), Nairobi, Kenya  
Master of Science (Genetics)

2005 – 2010 University of Nairobi (UON), Nairobi, Kenya  
Bachelor of Science (Biology)

### 3. Publications

S/ N o.	Author	Year	Title	Journal	ISBN/ISSN Reference No.
1	Asande, L., Indieka, S., Adero, M.O., Kiboi, S. and Amugune, N.	2016	In vitro regeneration of pigeon pea using leaf explants.	African Journal of Crop Sciences	1021-9730
2	Adero, M. O., Syombua, E. D., Asande, L. K., Amugune, N. O., Mulanda, E. S., & Macharia, G.	2019	Somatic embryogenesis and regeneration of Kenyan wheat (Triticum aestivum L.) genotypes from mature embryo explants	African Journal of Biotechnology	1684-5315
3	Asande, L. K., Ombori, O., Nyaboga, E. N., & Oduor, R. O.	2020	Efficient Shoot Organogenesis Using Leaf Disc and Nodal Explants of Passion Fruit ( <i>Passiflora edulis</i> Sims) and Genetic Fidelity Assessment Using Sequence-Related Amplified Polymorphism (SRAP) Markers	International Journal of Agronomy	<a href="https://doi.org/10.1155/2020/3205710">https://doi.org/10.1155/2020/3205710</a>

4	Asande, L. K., Omwoyo, R. O., Oduor, R. O., & Nyaboga, E. N.	2020	A simple and fast Agrobacterium-mediated transformation system for passion fruit KPF4 ( <i>Passiflora edulis</i> f. <i>edulis</i> × <i>Passiflora edulis</i> f. <i>flavicarpa</i> )	Plant methods	1746-4811
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#### 4. Funded projects

S/ No	Researcher	Year	Title	Granting Body	Funding (US\$)
1	Asande, L. K	2017	Genetic improvement of Passion fruit	National Research Fund (NRF)	
2	Asande, L. K	2013	In vitro regeneration of pigeon pea varieties grown in Kenya.	German Academic Exchange Service (DAAD)	

#### 5. Conferences/Workshops/Seminars Attended

DATES	NAME OF INSTITUTION	COURSE TAKEN
August 2007	UNEP – Tongji University Shanghai, China	Sustainable use of natural resources
August, 2010	University of Nairobi	Fish Biodiversity Research and Education
September 2012	Information Training and Outreach Center for Africa (ITOCA).	E- resources training
March 2016	Kenya University	Teaching methods and setting examinations
January 2016	Kenya University	National Research Fund (NRF) seminar
October 2017	National Biosafety Authority (NBA)	Mainstreaming Biosafety in Biotechnologies for Sustainable Development
November 2019	Neu-Ulm University and Kenya University	Commercialization of research
July 2020	COLEACP	Moodle for Creating and Animating an Online Training Course for Plant Sciences, Kenya University
June 2020	Kenya University	Online module writing
September 2020	Kenya University	Blended Learning Online Facilitation
November 2020	Kenya University	Training on Content Loading

**6. National and International awards and Recognitions**

<b>S/No</b>	<b>Name of award or Recognition</b>	<b>Awarding Organization/Body</b>	<b>Year</b>
	Top student SBS, UON	UNEP/Tongji IESD, Shanghai, China	2007

**7. Administrative positions held to date**

September 2020 – date    Committee Member, Departmental open learning committee

September 2020- date    Committee Member, Field trips committee

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