



MANOJ SAPKOTA

- Plant Breeding • Genetics • Genomics
- Bioinformatics • Statistics

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ABOUT ME

I am a PhD candidate in the Institute of Plant Breeding, Genetics, and Genomics at the University of Georgia. I am a member of van der Knaap lab, UGA. I am passionate about plant breeding, genetics and bioinformatics. I call myself a grounded and solution-oriented plant scientist with wide variety of research experiences. I possess 4 plus years of experience in bioinformatics, statistics, plant breeding, traditional gene cloning, QTL mapping, molecular cloning, and gene editing. I am adept at motivating self and others. I am also highly organized, detail oriented and capable of taking leadership role to carry out assigned projects. I call myself an excellent team player and believe that we can achieve huge success working together. I am known as being very helpful and versatile among my colleagues.

BIO

Birth Date
15 June 1993
Nationality
Nepal
Location
Athens, GA, USA
Language
English, Nepali, Hindi

EDUCATION

2017-23 • **University of Georgia**
PhD
Institute of Plant Breeding, Genetics and Genomics
Athens, GA, USA

2012-16 • **Tribhuvan University**
B.S. Agriculture
Institute of Agriculture and Animal Sciences
Chitwan, Nepal

RESEARCH EXPERIENCE

Graduate Research Assistant

Institute of Plant Breeding, Genetics and Genomics, UGA
August 2017- Present
Supervisor: Dr. Esther van der Knaap

Research Technician

International Maize and Wheat Improvement Centre (CIMMYT), Nepal
November 2016- June 2017
Supervisor: Dr. Ajanahalli Ramaiah Sadananda

Research Intern

Wheat Breeding Unit, Nepal Agriculture Research Council, Nepal
April 2016- November 2016
Supervisor: Dr. Dhruva Bahadur Thapa

SKILLS

- R programming
- Linux programming
- Python programming
- Graphic designing
- Big data and WGS
- QTL mapping
- GWAS and GBS
- Diversity analysis
- RNA/QTL seq
- Tissue culture
- CRISPR/Cas cloning
- Genotyping
- Marker designing
- Scientific writing
- Web designing
- Microsoft office

FELLOWSHIP

The Roger and Cindy Boerma Plant Breeding Excellence Scholarship Award 2022

The John Ingle Innovation in Plant Breeding Award 2021

AWARDS

- 2nd place, PhD poster competition, 2022 PBGG Retreat
- 3rd place, PhD poster competition, 2020 PBGG Retreat
- 1st place, PhD poster, 2019 PBGG Retreat
- Travel award, 3rd Annual University of Florida Plant Science Symposium

PUBLICATIONS

Please visit:
manoj34sapkota.github.io/publications

REFERENCES

To be provided upon request

HOBBIES

