

Aastha Subedi

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📍 2550 Hull Road, 32611 Gainesville, USA

EDUCATION

- 2021-Present **Ph.D.** in Plant Pathology. University of Florida, Gainesville, FL, USA
- 2017-2019 Erasmus Mundus **Joint Master Degree** in Plant Health
Universitat Politècnica de València (UPV), Valencia, Spain- Plant health
Università degli studi di padova (UNIPD), Padova, Italy - Sustainable agriculture
- 2012-2016 **B.Sc.** in Agriculture. Tribhuvan University, Nepal

RESEARCH EXPERIENCE

- 2021- Present **Graduate Research Assistant-** Dr. Erica M. Goss, Dr. Pamela Roberts, Dr. Jeffrey B. Jones
Department of Plant Pathology, University of Florida, Gainesville, FL, USA
Project: Population dynamics and genomics of *Xanthomonas* of pepper in Florida
- 2019 (8 months) **Master Thesis Student-** Dr. Erik Alexandersson
Swedish University of Agricultural Sciences (SLU), Sweden
Project: New Omics Biomarkers for Disease Resistant and Drought Tolerant Potatoes
- 2018 (3 months) **Summer Internship-** Dr. Maria Renate Finckh
University of Kassel, Germany
Project: Field and Lab experience in REMIX-Project of Wheat
- 2018 (6 months) **Research Internship-** Dr. Maria Paloma Abad Campos
Universitat Politècnica de València (UPV), Spain
Project: Phenotypic characterization of *Pythium* spp. isolated from the rhizosphere of woody plants.
- 2015-2016 **Undergrad Research Assistant-** Laxman Aryal
Tribhuvan University, Nepal
Project: Response of Rice Varieties to Brown Spot Disease of Rice at Paklihawa, Nepal

VOLUNTEER EXPERIENCE

- 2015/2016 Organizer of Plant clinic in Rupandehi, Nepal
- 2015 Program Coordinator of 'People's climate March- Rupandehi, Nepal'

TEACHING EXPERIENCE

2022 Bacterial Plant Pathogens (Lab session), University of Florida, Gainesville, FL
2019-2020 Technical Training and Research Institute, Nepal (Horticulture Instructor)

WORK EXPERIENCE

2019-2020 Muktinath Agricultural Company, Nepal (Technical officer)
2016- 2017 Namsaling Community Development Center (NCDC), Nepal (Agricultural officer)
2017 (6 months) Hariyali Seed Company, Nepal(Program Coordinator)

CONFERENCES AND TRAININGS ATTENDED

- Plant Health 2022 -American Phytopathological Society (APS), Pittsburg, PA.
- Xanthomonas Genomics Conference, 2022, Clearwater, Tampa, FL.
- Plant Health 2021 -American Phytopathological Society (APS) (Online).
- Florida Phytopathological Society (FPS), 2021 (Online)
- Plant Health 2020 -American Phytopathological Society (APS) (Online).
- International South Asian Biotechnology Conference (SABC), 2017, Nepal (Poster).
- International Conference on Biodiversity, Climate Change Assessment, and Impacts on Livelihood (ICBCL), 2017, Nepal (Oral).
- Training on seed production of Rice, Maize, Cauliflower, Tomato and Onion, CYMMIT, Nepal, 2017

Poster and Oral Presentations

Expanding population of *Xanthomonas perforans* on pepper in Florida, Plant Health 2022 -American Phytopathological Society (APS), Pittsburg, PA **(TALK)**

Population dynamics and genomics of *Xanthomonas euvesicatoria* of Pepper in Florida, Xanthomonas Genomics Conference, 2022, Clearwater, Tampa, FL. **(Poster)**

HONORS AND AWARDS

2022 Student Award, Xanthomonas Genomics Conference, 2022, Clearwater, Tampa, FL.
2017-2019 Erasmus Mundus Scholarship, European Union (EU)
2016 Gold medalist - B.Sc. Ag – Tribhuvan University, Nepal
2012-2016 University Merit Scholarship- Institute of Agriculture and Animal Sciences, Tribhuvan University, Nepal

PROFESSIONAL AFFILIATIONS

2022-2023	UF Plant Pathology Graduate Student Organization (Vice- president)
2020-Present	American Phytopathological Society (Member)
2021- Present	UF Plant Pathology Graduate Student Organization (Member)
2016- 2017	Ypard Nepal (Local Representative)
2012- 2016	Youth for Sustainable Agriculture (YCSA), Nepal (Member)

PUBLICATIONS

Alexandersson, E., Kushwaha, S., **Subedi, A.**, Weighill, D., Climer, S., Jacobson, D., & Andreasson, E. (2020). Linking crop traits to transcriptome differences in a progeny population of tetraploid potato. *BMC Plant Biology*, 20(1), 1–14.

Aryal, L., Bhattarai, G., **Subedi, A.**, Subedi, M., Subedi, B., & Sah, G. K. (2016). Response of rice varieties to brown spot disease of rice at Paklihawa, Rupandehi. *Glob. J. Bio. Agric. Health Sci*, 5(2), 50-54.