


## CONTACT ME



BRT profile

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 +420-773-340-087

 <https://bit.ly/3Us85il>



## HIGHLIGHTS

- Advanced skills and knowledge in content creation and science communication
- Advanced skills in writing and developing CDPs (communication and dissemination plans)
- Extensive experience (2017–2023) in education, scientific research, and capacity building through international projects at Awassa University, Ethiopia.
- Designed and implemented blended learning programs, integrating in vitro biotechnologies to enhance student comprehension and drive research activities.
- Successfully coordinated teams of technicians and supervised research topics, modernizing course content and introducing cutting-edge technologies.
- Improved curriculum development processes with agile methodologies, boosting student satisfaction, research quality, and productivity.

# Stacy Hammond

Researcher & Science Communications Specialist



## WORK EXPERIENCE

### Communications Manager & Researcher

BioResources & Technology Division (BRT) at FTZ/CZU

*Dec. 2023 - Ongoing*

- CZU Prague, Czech Republic
- Develop Communication Strategies
- Website and Project Content Creation
- Oversee BRT Communications Team activities
- Training and Capacity Building
- *In vitro* Biotechnologist

### Researcher

Crop Research Institute, Prague

*Jun. 2019 - May 2024*

- CRI Prague, Czech Republic
  - Working with Czech germplasm collection
  - Cryopreservation of potatoes, raspberries, garlic and shallot
  - Maintenance *in vitro* cultures
  - *In vitro* establishment of vegetatively propagated plants
- Research Institute

### Regional Coordinator

Young Professionals for Agricultural Development (YPARD Europe).

*Sep. 2021 - Sep. 2023*

- YPARD (<https://ypard.net/>), Zurich, Switzerland
- Coordinate the YPARD activities in the European Region
- Based in Prague, Czech Republic
- Ensure the sustainability and Impact of YPARD Europe on a local, regional and global scale
- Be a key influencer in the strategic direction of youth engagement in sustainable food systems
- Enable young people in agriculture to shape sustainable food systems



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## Communication and Fundraising Officer

Young Professionals for Agricultural Development (YPARD Europe).

Sept. 2016 – Sept. 2022

- YPARD Rome, Italy (<https://ypard.net/>)
- Use of the YPARD platform/website and social media to promote youth involvement in agriculture and stimulate their fresh thinking and involvement in agricultural development and related fields

## Curriculum Development - International Expert

Educational Innovations

2018 - 2023; yearly Projects in Ethiopia on education, scientific research and capacity building at Awassa University, Ethiopia

- Designed and launched a blended learning program that integrated in vitro biotechnologies into the curricula to enhance student comprehension and introduce research activities for thesis and scientific publications.
- Coordinated a team of technicians and joint supervision of research topics to overhaul outdated course materials, leading to the introduction of new technologies and up-to-date research activities to increase student satisfaction and research quality.
- Streamlined curriculum development processes by introducing agile and modern methodologies, cutting project timelines and improving students' productivity.



## LANGUAGE SKILLS

- **English** - native speaker
- **Spanish** - native speaker



## EDUCATION HISTORY

### Ph.D. in Agricultural Specialization - Tropical Agrobiology and Bioresource Management.

Czech University of Life Sciences, Prague

Year of Graduation: 2009

- Prague, Czech Republic
- Degree in plant physiology and cryobiology
- Dissertation research on "*Conservation of Andean root and tuber crops by novel biotechnological methods*"
- Best Thesis Award



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## Masters in Tropical Crop Management and Ecology

Czech University of Life Sciences, Prague

Year of Graduation: 2016

- Prague, Czech Republic
- Degree in Crop Management and Ecology
- Dissertation research on "*Assessment of new yacon (Smallanthus sonchifolius) genotypes obtained via indirect somatic embryogenesis*"

## Bachelors in Agroforestry

URACCAN University

Year of Graduation: 2016

- Bluefields, Nicaragua
- Degree in Agroforestry



## COMMUNICATION SKILLS

- Excellent written and verbal communication skills obtained throughout studies and work experience
- Excellent graphical communication skills
- Confident, articulate, and professional speaking abilities
- High and confident ability to speak in public, in groups, or via electronic media.
- Excellent presentation and negotiation skills
- Confident in presenting scientific work at international conferences/symposiums and all forms of media

## OTHER SKILLS AND EXPERIENCES


- Experience in teaching tissue culture and breeding to MSc and BSc students.
- Experience in teaching GMO to MSc and BSc students
- Experience in co-supervising diploma thesis and research work of MSc and BSc students
- Advanced knowledge in cryopreservation of plant material Advanced knowledge in medium-term conservation Advanced in tissue culture
- Management of websites
- Expert in Plant Physiology and Cryobiology Laboratory



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## LIST OF PROJECTS


- IGA Project 2016: 20165014 - Micropropagation and genotyping in vitro; proteomics and molecular analyzes in selected plant species
- IGA Project 2017: 20175015 - Application of plant explants in plant propagation and breeding; molecular and proteomic analyzes of selected crops.
- IGA Project 2018: 20185015 - Application of biotechnological and proteomic processes in selected crops
- IGA Project 2019: 20195002 - Biotechnology as a tool in plant breeding and conservation of genetic resources
- 2018-2019: Enhancement of the education and scientific research in the field of biotechnologies, agricultural production and extension at Hawassa University, Ethiopia.
- 2019-2020: č. 7/2020/02, Enhancement of the education and scientific research in the field of biotechnologies, agricultural production and extension at Hawassa University, Ethiopia.
- 2020-2021: Strengthening scientific capacities and cooperation of Ukrainian universities in agricultural sciences.
- 2020: Preventing the spread of Covid-19 and increasing the resilience of local communities to the effects of the pandemic in the Shabelle zone in Ethiopia.
- 2020: Preventing the spread of Covid-19 and increasing the resilience of local communities to the effects of the pandemic in local communities in Zambia
- 2021: Publication and Research Activities Development for Education in Life Sciences at Hawassa University, Ethiopia.
- 2021-2022: 3118 - Effects of abiotic stress on garlic under in vitro conditions: Response to osmotics for drought resistance.
- 2022-2023: Publication and Research Activities Development for Education in Life Sciences at Hawassa University
- 2021-2025: TO01000295 - Healthy berries in a changing climate: development of new biotechnological procedures for virus diagnostics, vector studies, elimination and safe preservation of strawberry and raspberry
- Horizon EUSPA-2022-SPACE project 2024-2026: 101131859 - Combined Use of EGNSS and Copernicus Data to Develop Innovative Downstream Services for the Users from Chile and Colombia (COMUNIDAD).
- HORIZON-WIDERA-2022-ERA-01-41 project 2023-2026: 101094725 - Open Science to Increase Reproducibility in Science (OSIRIS).
- 101135150 - BIO-CAPITAL - HORIZON-CL6-2023-BIODIV-01 2024 - Dec 2027 BIO-CAPITAL - Mobilising Investments for Protecting and Restoring Biodiversity by Harnessing Innovative Financial Solutions and Advanced Geospatial Analytics.



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## LIST OF SCIENTIFIC PUBLICATIONS

### ARTICLES

- **Hammond SDH**, Viehmannova I, Zamecnik J, Panis B, Hlasna Cepkova P. (2019) Efficient slow-growth conservation and assessment of clonal fidelity of *Ullucus tuberosus* (Caldas) microshoots. Published in: *Plant Cell Tissue and Organ Culture (PCTOC)*. 138: 559-570.
- **Hammond SDH**, Viehmannova I, Zamecnik J, Panis B, Faltus M. (2021) Droplet- vitrification method for shoot tip cryopreservation of yacon [*Smallanthus sonchifolius* (Poepp. And Endl.) H. Rob.]: effects of PVS2 and PVS3 on survival and regrowth. Published in: *Plant Cell Tissue and Organ Culture (PCTOC)*. 147, pages 197-208.

### BOOK CHAPTERS

- **Hammond HSD**, Zamecnik J, Faltus M. 2019. Methods of Thermal Analysis as a Tool to Develop Cryopreservation Protocols of Vegetatively Propagated Crops. In: *Cryopreservation-Current Advances and Evaluations*. Marian Quain (ed). IntechOpen.