

CONTACT ME



BRT profile

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 [Stacy_Hammond](#)



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

Horizon Europe Communications Manager

EU-funded Research & Innovation Projects – (BRT) at FTZ/CZU

2023 – Ongoing

- Communication and Dissemination Management for Horizon Europe projects, including OSIRIS, COMUNIDAD and ADAPT-FIN.
- Development and implementation of project Communication, Dissemination and Exploitation activities.
- Coordination of communication activities across international project consortia.
- Management of project websites, social media, news, communication campaigns and visual identity.
- Preparation of communication materials, presentations, newsletters and event content.
- Coordination with project partners to ensure compliance with EU communication and visibility requirements.
- Communication support for project meetings, stakeholder engagement, workshops and international events.
- Monitoring and reporting of communication activities, outputs and dissemination KPIs.

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 vitro cultures
- In vitro establishment of vegetatively propagated plants Research Institute



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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

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: 2021

- 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 developed through international research, project management, teaching, and science communication activities
- Management, strategic planning, implementation, monitoring, and reporting of communication and dissemination activities for international and Horizon Europe projects
- Coordination of communication activities across international consortia, including partner guidance, stakeholder engagement, visibility requirements, and delivery of communication outputs
- Excellent graphical and visual communication skills, including project branding, presentations, websites, digital content, promotional materials, and other communication assets
- Confident and professional public speaker with strong presentation, facilitation, and interpersonal communication skills gained through conferences, workshops, project meetings, training activities, and international events
- Strong ability to communicate complex scientific and technical information clearly to researchers, project partners, stakeholders, students, and wider audiences through digital, printed, and public-facing media

OTHER SKILLS AND EXPERIENCES

- Experience in teaching tissue culture and breeding to MSc, BSc, and PhD. 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



LIST OF PROJECTS



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- 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.
- IHorizon EUSPA-2022-SPACE project 2024-2026: 101131859 - COMUNIDAD - Combined Use of EGNSS and Copernicus Data to Develop Innovative Downstream Services for the Users from Chile and Colombia.
- HORIZON-CL6-2023-BIODIV-01 project 2024-2027: 101135150 - BIO-CAPITAL - Mobilising Investments for Protecting and Restoring Biodiversity by Harnessing Innovative Financial Solutions and Advanced Geospatial Analytics.



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- Horizon Europe project 2026–2030: 101295821 – ADAPT-FIN – Unlocking Private Sector Finance for Climate Adaptation.
- Czech Development Cooperation project 2025–2027: MWAZACO – Mine Water Atlas for Knowledge, Through Water, to Better Lives, Zambia.



LIST OF SCIENTIFIC PUBLICATIONS

ARTICLES

- Husak V, Danyliuk N, Roubík H, Bobrova O, **Hammond SDH**, Shyichuk A. (2026) Predictive Modeling of Bacterial Inactivation With Hydrogen Peroxide Over a Cobalt Ferrite Catalyst. Published in: ChemPhysChem. 27(14): e70504.
- Bilavčík A, **Hammond SDH**, Fránová J, Koloniuk I, Hamborg Z, Blystad D-R, Faltus M, Zámečník J. (2024) Elimination of Black raspberry necrosis virus from raspberry (*Rubus idaeus* L.) by in vitro cryotherapy. Published in: European Journal of Horticultural Science. 89(3): 1–6.
- **Hammond SDH**, Zámečník J, Faltus M, Panis B, Viehmannová I. (2022) Development of a PVS3 plant vitrification method for cryopreservation of yacon (*Smallanthus sonchifolius*) genetic resources. Published in: Problems of Cryobiology and Cryomedicine. 32(4): 297.
- Faltus M, Bilavčík A, **Hammond SDH**, Zámečník J. (2022) Vitrification process control by DSC. Published in: Cryobiology. 109: 23–24.
- Bilavčík A, **Hammond SDH**, Faltus M, Zámečník J. (2022) Cryopreservation of raspberry in vitro cultures by PVS3 solution. Published in: Cryobiology. 109: 52.
- **Hammond SDH**, Viehmannová I, Zámečník J, Panis B, Faltus M. (2021) Droplet-vitrification methods for apical bud cryopreservation of yacon [*Smallanthus sonchifolius* (Poepp. and Endl.) H. Rob.]. Published in: Plant Cell, Tissue and Organ Culture (PCTOC). 147(2): 197–208.
- **Hammond SDH**, Faltus M, Zámečník J. (2019) Methods of Thermal Analysis as a Tool to Develop Cryopreservation Protocols of Vegetatively Propagated Crops. Published in: Cryopreservation. IntechOpen.
- **Hammond SDH**, Viehmannová I, Zámečník J, Panis B, Hlásná Cepková 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.

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.