

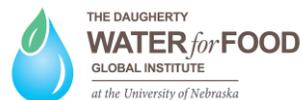
Graduate Students Round Twelve (first awarded in 2025):

- **Guillermo Balboa**, Research Assistant Professor, UNL Agronomy & Horticulture, for the project: *APSIM Model and crop vegetation indices to improve Water and Nitrogen Use efficiency in Nebraska* Student: **Murilo Rampazzo Favoretto**, for a Master's in Agronomy, Specialization: Digital Agriculture
- **Andrea Basche**, Associate Professor, UNL Agronomy & Horticulture, for the project: *Evaluating the potential of perennial cover crops in corn-soybean rotations to improve carbon intensity and environmental outcomes* Student: **Somdatta Achar**, for a Ph.D. in Agronomy, Specialization: Cropping Systems
- **Patricio Grassini**, Professor, UNL Agronomy & Horticulture, for the project: *Assessing potassium limitation in major agroecosystems of the world* Student: **Lucia Bonfanti**, for a Ph.D. in Agronomy, Specialization: Crop Physiology and Crop Production
- **Javed Iqbal**, Assistant Professor, UNL Agronomy & Horticulture, for the project: *Improving UNL Nitrogen Recommendations through 4Rs Management for Enhanced Crop Yields and Groundwater Quality* Student: **Anmol Singh**, for a Ph.D. in Agronomy, Specialization: Soil and Water Sciences
- **Jesse Korus**, Associate Professor, UNL School of Natural Resources, for the project: *Field-scale mapping to illuminate subsurface nitrate processes* Student: **Katie Liske**, for a Ph.D. in NR Sciences
- **Xu Li, Professor**, Professor, UNL Civil and Environmental Engineering, for the project: *The Transmission and Evolution of Antimicrobial Resistance in the Water Environment* Student: **Edwin Antonio Ojeda Olivares**, for a Ph.D. in Civil and Environmental Engineering
- **Yusong Li, Professor**, Professor, UNL Civil and Environmental Engineering, for the project: *Understanding the Exposure Trade-Offs of Groundwater Nitrate Contamination and Bottled Water Consumption in Rural Communities* Student: **Cesar Augusto Gomez Pena**, for a Ph.D. in Civil and Environmental Engineering
- **Weizhen Liang**, Research Assistant Professor, UNL Biological Systems Engineering, for the project: *Growing Precision Engineering Systems for Nebraska Grape Vineyards and Water Management* Student: **Chi-En Chiang**, for a Ph.D. in Biological Systems Engineering
- **Joe Luck**, Professor, UNL Biological Systems Engineering, for the project: *Real-Time Precision Fertilizer Application in Corn Crops Using Drone Technology and Remote Sensors* Student: **Kalynn Meyer**, for a Master's in Agricultural and Biological Systems Engineering
- **Bijesh Maharjan**, Assistant Professor & Extension Specialist, UNL Agronomy & Horticulture, for the project: *Optimizing Nitrogen Management for Sustainable Dry Edible Bean and Sugar Beet Production under Full and Deficit Irrigation* Student: **Sujani De Silva**, for a Ph.D. in Agronomy, Specialization: Soil and Water Sciences
- **Daniel Uden**, Assistant Professor, UNL Agronomy & Horticulture, for the project: *Hydrologic Ecosystem Service Monitoring and Education in Conservation Agriculture* Student: **Samuel Nshutiyayesu**, for a Ph.D. in Agronomy

Graduate Students Round Eleven (first awarded in 2024):

- **Liang Chen**, Assistant Professor, UNL Earth and Atmospheric Sciences, for the project: *High-Resolution Simulations of Hydroclimate over the Glacial Regions of the High Mountain Asia* Student: **Tika Gurung**, Ph.D., Climatology/Meteorology
- **Bruce Dvorak**, Ray Fauss Professor, UNL Civil and Environmental Engineering and Biological Systems Engineering, for the project: *Utilizing Fermentation HAP Air Emissions Data to Improve Ethanol Sustainability* Student: **Mahyar Mahdavi Hezaveh**, Ph.D., Environmental Engineering

STUDENT SUPPORT AWARDS



- **Tonya Haigh**, Research Assistant Professor/Social Science Coordinator, National Drought Mitigation Center, UNL School of Natural Resources, for the project: *Water Management and Agricultural Community Resilience: Communication Approaches* Student: **Rachel Williss**, Master's, NR Sciences
- **Francisco Munoz-Arriola**, Associate Professor, UNL School of Natural Resources, for the project: *Predictability of surface water-groundwater resilience to climate and contaminant forcings* Student: **Rimsha Hasan**, Ph.D., Natural Resource Sciences
- **Xin Qiao**, Associate Professor, UNL Biological Systems Engineering, for the project: *Development of an innovative partial variable rate irrigation (VRI) system* Student: **Joseph Oboamah**, Master's, Mechanized Systems Management
- **Bing Wang**, Associate Professor, UNL Food Science and Technology, for the project: *Risk-based Assessment and Criteria Specification of the Microbial Safety of Greywater Reuse in Food Crop Irrigation* Student: **Andrew Stiven Ortiz Balsero**, Ph.D., Food Science and Technology

Hubbard Fellowship:

- **Nirupam Aich**, Associate Professor, UNL Civil and Environmental Engineering, for the project: *Investigating the Leaching and Fate of Forever Chemical Pollutant Per- and Polyfluoroalkyl Substances (PFAS) from Land-applied Biosolids in Agricultural Watersheds* Student: **Amy Yanagida**, Ph.D., Civil and Environmental Engineering
- **Elizabeth VanWormer**, Associate Professor, Director of Nebraska One Health, for the project: *Assessing neonicotinoid and fungicide exposure in wildlife sentinels in eastern Nebraska: A One Health study on agrochemical contamination linked to the AltEn facility* Student: **Shabani Muller**, Ph.D., Natural Resources

Graduate Students Round Ten (first awarded in 2023):

- **Troy Gilmore**, Associate Professor, UNL School of Natural Resources, for the project: *Advancing environmental sensing through fixed ground-based camera imagery* Student: **John Stranzl**, Ph.D., Natural Resources
- **Taro Mieno**, Associate Professor, UNL Agricultural Economics, for the project: *Drought Impacts on Cattle Stocking Density and Land Use* Student: **Shara Akat**, Ph.D., Agricultural Economics

Hubbard Fellowships:

- **Shannon Bartelt-Hunt**, Professor and Dept. Chair, UNL Civil and Environmental Engineering, for the project: *Connecting Antimicrobial Resistance, Agricultural Decisions, and Environmental Systems: A tool for mitigating AMR and assessing risk to human health in agro-ecosystems* Student: **Moriah Brown**, for a Ph.D. in Environmental Engineering (graduated with Master's May 2024)
- **Michael Kaiser**, Assistant Professor, UNL Agronomy & Horticulture, for the project: *Sustainable soil management strategies to improve water retention and quality in agricultural systems* Student: **Britt Fossum**, Ph.D., Agronomy

Undergraduate (annual awards):

- **Platte Basin Timelapse Project:** **Caden Connelly**, Production Intern; **Marissa Lindemann**, Production Intern; **Chloe Ludwig**, Social Media Intern; **Tyler Newlin**, Social Media Intern; **Kaden Polt**, Production Intern; advised by **Michael Forsberg**, Research Assistant Professor, UNL School of Natural Resources and Producer & Project Manager, **Mariah Lundgren**, UNL School of Natural Resources, and **Michael Farrell**, DWFI Faculty Fellow.