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KELLY NASCIMENTO THOMPSON

RESEARCH ASSISTANT | kellynay@iastate.edu | 515-351-2417

SUMMARY

Science enthusiast, highly motivated first year graduate student seeking to improve communication and practical skills in order to become a better researcher.

EDUCATION

PHD CANDIDATE IN AGRICULTURAL AND BIOSYSTEMS ENGINEERING
• 2020 – PRESENT • IOWA STATE UNIVERSITY

BACHELOR OF SCIENCE IN AGRONOMY • JUNE 2017 • UNIVERSIDADE FEDERAL RURAL DA AMAZONIA
GPA: 3.68

EXCHANGE STUDENT IN PLANT SCIENCES • 2014-2015 • IOWA STATE UNIVERSITY
GPA: 2.62

INTENSIVE ENGLISH ORIENTATION PROGRAM • 2014 • IOWA STATE UNIVERSITY

EXPERIENCE

GRADUATE-RESEARCH ASSISTANT AT DEPARTMENT OF AGRICULTURAL AND BIOSYSTEMS ENGINEERING • IOWA STATE UNIVERSITY • JANUARY 2020 – PRESENT

Collect and analyze data, performs tasks involving GIS and Remote Sensing, analytical writing, record keeping.

RESEARCH ASSISTANT AT NEMATOLOGY DEPARTMENT • SYNGENTA CROP PROTECTION LLC • OCTOBER 2018 – JANUARY 2020

Performs tasks such as preparing soil, planting regulated material, watering plants, greenhouse cleaning, assisting in root knot and soybean cyst nematode readings, handling of APHIS material, and practicing research stewardship.

AGRONOMY INTERN IN GIS AND REMOTE SENSING • GEOAGRO CONSULTORIA AMBIENTAL, TOPOGRAFIA E PROJETOS • FEBRUARY 2016 – AUGUST 2017

Analytical writing, land mapping, satellite image analysis, Rural Environmental Registry (CAR), office work, data collection, data entry and qualifying people for benefits and /or licenses within environmental laws in the Amazon. Experience with the software ArcGIS.

RESEARCH INTERN AT THE AGRONOMY DEPARTMENT • IOWA STATE UNIVERSITY • MAY – DECEMBER 2015

Design and conduct experiments, seed inventory, collect and analyze data, field experience.

RESEARCH INTERN AT THE PLANT SCIENCES DEPARTMENT • UNIVERSIDADE FEDERAL RURAL DA AMAZONIA • JULY 2011 – JULY 2014

Design and conduct experiments, collect and analyze data, analytical writing, plant physiology laboratory experience.

AWARDS

INTERNATIONAL FULBRIGHT FELLOWSHIP • BRAZILIAN SCIENTIFIC MOBILITY PROGRAM • USA • 2014-2015

VOLUNTEER EXPERIENCE

THE NATIONAL MAP CORPS (TNMCORPS) • USGS • APRIL 2018 - PRESENT

Map editor helping update structures data for the U.S., Puerto Rico, and the U.S. Virgin Islands based on aerial imagery base layers and internet research.

ORGANIZATIONS AND MEMBERSHIPS

NUCLEO DE PESQUISA VEGETAL BASICA E APLICADA • JULY 2011 - JULY 2014 • UNIVERSIDADE FEDERAL DA AMAZONIA

Group with weekly meetings and discussion about general agricultural topics related to plant physiology, execution of experimental tests in greenhouse and laboratory, scientific writing and publication of papers.