

NICK LORD

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EDUCATION

Virginia Tech Blacksburg, VA
Master of Science in Crop Breeding, Genomics, & Bioinformatics Expected May 2020

Virginia Tech Blacksburg, VA
Bachelor of Science in Crop & Soil Environmental Science May 2017
Specialization: Crop Breeding & Genetics, Minor: Agricultural & Applied Economics
GPA: 3.28/4.00

EXPERIENCE

Soybean Breeding Program, Virginia Tech Blacksburg, VA
Graduate Research Assistant August 2017-Present

- Creating a viable model of vegetable soybean (edamame) supply chain for local sustainable food system through fresh edamame products
- Developing superior edamame varieties with high yield and quality adapted to Mid-Atlantic region
- Confirmation and utilization of quantitative trait loci (QTL) for low seed-coat deficiency, vital trait for natto soybean varieties
- Assisting the soybean breeding program including planting and harvesting, taking field notes, seed processing, printing envelopes, harvesting bags, stakes, etc., managing crossing block and coordinating undergraduate workers

Soybean Breeding Program, Virginia Tech Blacksburg, VA
Undergraduate Lab Assistant April 2017-August 2017

- Assisted in printing and packaging seed pre-harvest
- Assisted with planting yield plots, progeny rows and populations in Blacksburg and Warsaw, VA

Beers/Brunner Forestry Genetics Lab, Virginia Tech Blacksburg, VA
Undergraduate Lab Assistant October 2014-May 2016

- Developed familiarity with crucial and applicable lab techniques required for research in plant genetics such as tissue culture, primer design, media preparation (Yellow, 6SIM, CIM-KT), DNA & RNA extraction, & PCR

Summer Undergraduate Research Fellowship, Virginia Tech Blacksburg, VA
Undergraduate Research Fellow Summer 2015

- Valuable experience using Reverse Transcriptase (RT) Real Time PCR to quantify expression of major genes in dormancy and bud-set pathway of *Populus trichocarpa* in response to short to long day transition

AWARDS & ACTIVITIES

Bruce Beahm Scholarship, Virginia Crop Improvement Association (VCIA) February 2017

Internal Vice President, Virginia Tech Vietnamese Student Association (VSA) April 2016-April 2017

- Large-scale application of leadership and interpersonal skills to grow a 200+ member organization
- Coordinated mentoring program within organization (“Big & Little Program”) crucial for member retention; proficient interpersonal, organizational, and time management skills required for pairing over 170 members

REFERENCES

References available upon request.