

Malcolm Yusuf St. Cyr

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Permanent Address

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International Address

Chez Alioune M'Backe`
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Senegal, West Africa

Current Address

212 Beyer Court,
4519 Friley Meeker
Ames, IA 50012

EDUCATION

Gradute Studies: Iowa State University, Ames Iowa
College Agriculture and Life Sciences

Major: M.S. Soil Science

Undergraduate Studies: Iowa State University, Ames Iowa
of Agriculture and Life Sciences
Systems

Major: B.S. College
Agronomy & B.S. Global Resource

GPA: 3.84

graduated May 2023

Secondary School:

Ecole Privee Fallou Galass,
Mbacke, Senegal, West Africa

Degree:

International Baccalaureate of
Mathematics & Natural Sciences

RESEARCH INTERESTS

I am interested in the impact that culture and tradition can have on sustainable agricultural production systems, more specifically soil health and management. I am curious how they can be included in and their influence on further development of efficient, sustainable agricultural production and systems, especially in sub-Saharan regions of West Africa. This research is interdisciplinary and combines my interests in: Agronomy (soil, seed, and plant interactions), cultural influences on farm production, community values & wellbeing, land use, social justice, and sustainable food security systems.

RESEARCH EXPERIENCE

2/2020 - Present

Undergraduate Laboratory & Research Assistant, STRIPS Project, Iowa State University: I serve as an assistant field technician and an assistant laboratory researcher performing chemical analysis

5/2021 - Present

Undergraduate Laboratory & Research Assistant, Evaluation of the effects of former prairie strips on soybean nodulation Project, Iowa State University: With mentor's assistance, I designed and led this project by updating and performing the leghemoglobin nodule extraction method and creating a field sampling schema. The findings of the project were communicated in the creation of a scientific poster

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2/2021 - 5/2022

Undergraduate McNair Researcher, Identifying and Evaluating the main factors causing the pursuit of higher education, Iowa State University: I was one of four of my peers that carried out this research. I was responsible for the transcription of our oral interviews and strategically incorporating them into the final research report and paper

PROFESSIONAL EXPERIENCE

Assistant	ISU Department of Residence, Ames, Iowa	Resident
8/2020 - 5/2021	ISU Department of Residence, Ames, Iowa ACES Peer Counselor	
12/2019 - 3/2020	ISU Dining Services, Ames, Iowa Student Employee	
5/2019 - 1/2020	HomeStay DC, Washington, DC Supervisor- Facility Management and Operations	

PROFESSIONAL DEVELOPMENT

November 6 th -9 th , 2022	ASA, CSSA, SSSA International Annual Conference
September 23 rd -25 th , 2022	Heartland McNair National Annual Conference
April 1 st -2 nd , 2021	Farm Credit VIP Scholars Day
April 6 th -10 th , 2021	MANRRS 35 th Annual Training Conference & Career Expo
March 15-20 th , 2021	Panda Cares Scholars Leadership Summit
August 2020 - March 2021	NCORE-ISCORE Scholar Program 2020-2021

ACADEMIC SERVICE

8/2021 - 5/2022	ISU Department of Agronomy, Ames, Iowa Undergraduate Representative for Diversity, Equity, and Inclusion Committee
8/2020 - 5/2021	ISU College of Agriculture and Life Science, Ames, Iowa Representative of ISU LEAD IT! Collective for CALS Dean's office hosting/facilitating diversity related groups/discussions/workshops

CONFERENCE PRESENTATIONS

Oral Presentation: (September 2022). Evaluation of the effects of former prairie strips on soybean nodulation. Heartland McNair National Research Conference, Kansas City, MS.

Poster Presentation: (November 2021). The Nuances of Black Native American Experience. The Thomas L. Hill Iowa State Conference on Race and Ethnicity, Ames, IA.

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Oral Presentations: (January 2021). Soil and Soybean Responses to Planting into Terminated Prairie Strips. 51st North Central Extension-Industry Soil Fertility Conference, Des Moines, IA.

PROFESSIONAL MEMBERSHIPS

2022- Present	American Society of Agronomy
2019-Present	Minorities in Agriculture, Natural Resources and Related Sciences (MANRRS) ISU and National Chapter, Independent Member

HONORS/AWARDS

- Dean's List, ISU College of Agriculture and Life Sciences, Spring 2021; Fall 2020; Spring 2020; Fall 2019
- 1st Recipient of the Dr. Cynthia Cambardella Scholarship
- Farrell Brothers
- Charles F. Krull
- I.S.U. School Pride Award
- United Negro College Fund (UNCF)/Panda Cares Scholar 2020-2023 Cohort
- Soil and Water Conservation Society(SWCS), Iowa Chapter-Scholarship 2020
- Kiley & Marie Powers ISU Endowment Scholarship 2020-2021
- John Deere MANRRS Scholarship January 2020
- Farm Credit/MANRRS VIP Scholarship, January 2020
- Iowa Seed Association Scholarship, January 2020
- Academic Program for Excellence (APEX) Scholarship 2019, Iowa State University
- California Certified Organic Farmers Foundation, Scholarship 2019 & 2020

FEATURE ARTICLES

Scientific spark: Student focuses on soils, helping fellow Africans

By Whitney Baxter and Kathleen Delate

<https://stories.cals.iastate.edu/2021/10/scientific-spark-student-focuses-on-soils-helping-fellow-africans/>

Summer program introduces multicultural students to Iowa State and Iowa agriculture

August 2nd, 2019

<https://www.agron.iastate.edu/student-resources-undergraduate-department/summer-program-introduces-multicultural-students-iowa>

Born in DC, Raised in Senegal, & Studying Organic with a Little Help from MOM's Organic Market

March 2020

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<https://ccof.org/blog/born-dc-raised-senegal-studying-organic-little-help-moms-organic-market>

Driven to Address Food Sovereignty with Organic as Part of the Solution

March 2021

<https://ccof.org/blog/driven-address-food-sovereignty-organic-part-solution>

Meet Malcolm St Cyr & Get Involved with the Future Organic Farmer Grant Fund

January 2020

<https://ccof.org/blog/meet-malcolm-st-cyr-get-involved-future-organic-farmer-grant-fund>

UNIQUE QUALIFICATIONS

International Experience:

Language: (Spoken Fluency) English, French, and Wolof (local language of Senegambia)
Language: (Written Fluency) English, French, and Arabic