



Foundation for independence

CENTER FOR SUSTAINABLE RURAL LIVELIHOODS 2022 DONOR IMPACT REPORT

IOWA STATE UNIVERSITY
College of Agriculture and Life Sciences

DIRECTOR'S MESSAGE

WE ARE FORTUNATE to have a tremendous team working on the vast challenges of hunger and poverty in Uganda. Our Ugandan staff in Kamuli is now 46 people strong. At Iowa State, we have a core team of eight faculty and staff who make this work a top priority, with others now coming forward to join in the effort. And we have dedicated students from ISU and Makerere University who bring passion and purpose to this work.

We are especially fortunate to have Dr. Gideon Nadiope (pictured here) in the leadership role of national director. I had the opportunity to work closely with Gideon, who sets the tone for effective teamwork across the organization, during five visits to Uganda in 2022.

One highlight of 2022 was the first visit to Kamuli by Dan and Julie Robison to review our program in the field. Dan, the Endowed Dean's Chair of the College of Agriculture and Life Sciences, and Julie have lived and worked in Africa and brought fresh eyes and ideas to our work. Fortunately, they were able to visit when Iowa State service learning students were in residence so they could personally observe the power of this committed group of young professionals.

A second highlight was the World Food Prize Foundation's invitation to the CSRL team to speak at the annual Borlaug Dialog. Through our presentation, we reached hundreds of experts in the field from around the world and are already benefiting from our expanded network.

As you read the stories in this annual report, I am confident you will conclude that your support of our small group of highly committed individuals is making a huge impact in the lives of many.

Thank you so much for your support.

David Acker, CSRL Director



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Daughter's experience drives support

ONE OF THE GREAT JOYS for parents is seeing how a child grows through experiences far from home. It's a feeling Jim and Amy Schlueter know well.

Their daughter, Hannah, was raised in Seattle and chose to attend college in Iowa, where Amy grew up and has extended family. Working toward a bachelor's degree in global resource systems at Iowa State University, Hannah was accepted into the school gardens service-learning program and spent six weeks in Uganda between her sophomore and junior years at Iowa State.

"One of the changes we saw in Hannah when she came home was the realization that the world is much bigger than her and there's a need for us to help the world become a safer and healthier place," Amy said.

It was the first of Hannah's three trips to Uganda, including one while she pursued a master's degree in food and rural development research at Newcastle University in the U.K. Her activities with ISU-UP focused on women, children, and food security.

Jim and Amy, who moved to Spirit Lake, Iowa, after Jim retired from a corporate communications career with Boeing, were so inspired by their daughter's passion that they donated to CSRL in support of the program that provides nutritious lunches to schoolchildren in Kamuli District. Their support helped to construct a new kitchen at Kasozi Primary School and build benches where children can sit to eat, plus purchase garden supplies to grow produce, and ingredients for the lunch. Their generosity is a family tradition: Amy is the niece of longtime CSRL supporters Chuck Wood and his late wife, Margo.

"Seeing the absolute passion and dedication of CSRL and the Iowa State faculty to help rural Ugandans be self-sustaining is very humbling. It moved us to want to be part of the solution from far away. We saw what it did for Hannah. She had a great experience," Amy said.

Hannah is the marketing coordinator for Care and Share Food Bank in Colorado Springs, Colorado.

"Hannah loves people and loves helping them. She's always been a very thoughtful person, so the flame was always there. Her studies, research, and work with the CSRL program fueled that fire even more," Jim said.



CALS dean makes

ONE OF THE LASTING IMPRESSIONS for Dan Robison from his whirlwind dean's trip to Uganda in June was the flurry of activity that accompanied outreach visits in the Kamuli District served by Iowa State University's Center for Sustainable Rural Livelihoods. On many mornings, vehicles packed with Iowa State students in the service-learning program, undergraduates from the local Makerere University, and Iowa State University-Uganda Program staff living in Uganda headed out early—a “deployment of energy and people,” Robison said.

“When you visit these places, you see our students—who are studying any number of topics in Ames—teaching basic English or math to large groups of primary school Ugandans who are so energized to learn and excited to have a guest teacher. At lunch, these schoolchildren line up with incredible enthusiasm to participate in a nutritious school lunch program that we have helped to inspire and facilitate, made possible through donor support. And our goal is not to simply be there to provide help, but to work with Ugandans to promote their own sustainable development,” said Robison, Endowed Dean's Chair of the College of Agriculture and Life Sciences at Iowa State.

The Uganda trip reinforced what Robison has experienced throughout his career: Landscapes and context are different, but people are basically the same everywhere.



inaugural trip to Uganda campus

“No matter where we live, we value health, prosperity, and the ability to lead vital, happy, productive lives. And Iowa State, through its mission areas of teaching, research, extension, and outreach, is helping rural Ugandans build stronger, more resilient families and communities,” he said.

“For our college to be blessed with a satellite campus in a far corner of the world that is different than our own, but with the same aspirations, is a signature activity for us. It’s become fundamental to who we are: a global College of Agriculture and Life Sciences, as well as an Iowa-centric one,” Robison said.

Two years of travel restrictions due to the COVID-19 pandemic had postponed Robison’s visit to Uganda—his first since becoming dean in January 2019—but Africa has been an important part of his previous international experience. After earning a PhD, he and his wife, Julie, spent two years in West Africa, where he worked as a consultant for the West Africa Rice Development Association. Known today as AfricaRice, it is one of 14 global research centers focused on a food-secure future.

Additional work experiences in Africa—in the west, east, and south—as well as in Canada, Myanmar, Israel, and South Africa round out Robison’s international work.

“What I often like to say about travel generally, in the U.S. or internationally, is that you learn as much or more about where you come from as you do about where you went. It’s about perspective,” Robison said. “Our students, faculty, and staff are forever changed when they go to a place like our campus in Uganda and look back on Iowa and other parts of the U.S. They are more attuned to the opportunities, benefits, and challenges at home, as well as to the opportunities, benefits, and challenges people have in other parts of the world.”

Robison embraces the mission: To feed schoolchildren and enable them to get an education, to help farmers increase the productivity of their livestock and crops to provide food and income for their families, and to empower people to be entrepreneurial and healthy. These are all ways to strengthen individuals, families, and communities to endure difficult times—to be resilient.

Robison returned from Uganda with renewed appreciation for the team involved in CSRL, especially Director David Acker and his CSRL colleagues in Ames, as well as Gideon Nadiope, national director in Uganda, and his staff. Robison said tremendous credit is also due to Ugandans who have so graciously welcomed CSRL and the donors who enable this outreach.

“This is a huge partnership and a collaborative effort made possible not just by Iowa State having identified a place in Uganda to work, but by our communities and supporters teaming with their communities to make a go of this,” he said.

“No matter where we live, we value health, prosperity, and the ability to lead vital, happy, productive lives.”

DAN ROBISON
ENDOWED DEAN’S CHAIR
OF THE COLLEGE OF
AGRICULTURE AND LIFE
SCIENCES AT IOWA STATE



The Uganda trip reinforced what Robison has experienced throughout his career: landscapes and context are different, but people are basically the same everywhere.



20 years of success earns CSRL a reputation for getting it done

OVER THE PAST TWO DECADES of working with residents in rural Kamuli District, one of the poorest and least developed areas of Uganda, the reputation of the Center for Sustainable Rural Livelihoods has begun to emerge among other practitioners in the field.

Community leaders in Uganda know they can count on CSRL as a reliable partner. In 2020 when spring flooding overwhelmed parts of Buyende District—outside of the boundaries normally served by CSRL—local leaders reached out seeking help for displaced families who lacked food and clean water, as well as farmers who lost crops. More recently, officials specifically asked the Iowa State University-Uganda Program to open one of its highly successful Nutrition Education Centers (NEC) in an area especially in need of maternal and child nutrition and health services to combat malnutrition.



Increasingly, representatives from international research organizations, universities, government technical services, NGOs, and the private sector are contacting CSRL, eager to learn from its approach to building sustainable rural livelihoods. This year, the USAID Advancing Nutrition project chose to include the ISU-UP NEC initiative in a case study of seven programs across Africa that are addressing malnutrition.

“We have established a reputation based on years of field work and we are more than happy to share our lessons learned with other organizations seeking to make a difference. But we will never be done innovating. We are constantly adapting to better support rural citizens as they develop their own sustainable livelihoods,” said David Acker, associate dean for global engagement and CSRL director.

LEARNING CURVE

When Iowa State established CSRL in 2003, the program was unique among U.S. universities. There wasn't a blueprint CSRL could copy. The College of Agriculture and Life Sciences brought together faculty with years of experience in Africa and asked them to design an innovative approach to rural development. During the planning process, these experts acknowledged that change in traditional societies takes time, and any proposed interventions need to accommodate this parameter. Change doesn't happen overnight.

“You can't expect people living close to the margins to take huge risks in order to move ahead. The CSRL design considered the vulnerabilities of people with limited resources and built in culturally appropriate social safety nets,” said Acker, a member of the CSRL leadership team since 2004 and CSRL director since 2020.

Progress comes in baby steps. For example, the lunch program providing nutritious meals to Ugandan schoolchildren launched as a pilot project in 2010 and has grown to serve five primary schools five days a week. Growth came with the gradual expansion of school gardens tended by students, along with donations of grain from community farmers who increased production through improved practices under the guidance of Iowa State and ISU-UP crop experts. Donor support funded new kitchens and school buildings.

In addition to investments in facilities, CSRL is committed to investing in the future of district residents, but not through outright gifts.

“Providing loans of seeds, livestock, or other inputs is at the heart of our process. When loans are repaid in kind our team can extend those same benefits forward to another farm family,” Acker said.

LOOKING AHEAD

As CSRL matures, more programming and more on-site staff has been added to meet newly identified needs in Kamuli District. In 2022 there were 46 full-time Uganda-based employees working for ISU-UP. These on-site professionals are a key reason for the increasing independence of so many groups of local women and men who have been supported in launching businesses that, for example, make crafts to sell internationally, grow tree seedlings for local sales, or raise goats to create family-level wealth.

“Success for us is to help a community get to where they are self-reliant, and then that allows us to move forward to the next set of communities. We leave behind communities who have the capacity to take care of their own needs with far less support from our team,” Acker said.

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YOUTH INSTITUTE RETURNS

After two years without the annual Youth Institute due to COVID-19 pandemic restrictions, the program returned in 2022 with an appropriate theme: Economic and social consequences of the pandemic lockdown on key sectors of Uganda, such as agriculture, education, business, and health.

Nearly 200 youth from 16 schools in Kamuli District—11 high schools, five primary schools—spent four months learning how to do online research and give presentations related to the impact of the pandemic. Their work culminated in a one-day session in June, when 57 students from 15 schools gathered at Mpirigiti Rural Training Centre for the final event organized by the Iowa State University-Uganda Program.

There were 23 teacher mentors who helped with training at the schools and on the day of presentations, which were judged by Iowa State and Makerere University students in the ISU-UP service-learning program.

The Youth Institute aims to develop social and emotional skills by providing youth with opportunities to interact on world issues and learn more about ISU-UP. The institute debuted in 2018 and was last offered in 2019. Since it resumed in 2022, the Youth Institute has graduated 134 participants.



Binational service-learning teams back in action

AS COVID-19 PANDEMIC travel restrictions lifted this year, Iowa State resumed service-learning educational programs in Uganda. Ten students made the journey over the summer, including Payten Watson on her first trip outside the United States.

Watson joined the ISU-UP service-learning team helping to grow the beekeeping enterprise, a critical component for increasing crop production. While building beehives, fencing an apiary for the hives, and training Uganda students to maintain the hives, Watson worked closely with Monica Namagala, a graduate of Makerere University. The two women discovered they have something in common: Both were raised by single mothers determined to see their daughters get educations to help them pursue successful careers.

“Monica and I were lucky enough to receive mentorship from our hardworking moms, which has helped guide us through life. It was fun getting to mentor others to help guide them through life as well,” Watson said.

Because beekeeping is a sustainable practice, ISU-UP plans to create a training program for apiculture and continue building beehives so student beekeepers have more honey to sell.

Watson will graduate with a degree in food science. She has worked for the World Food Prize Foundation as a youth programming and education intern and hopes to land a job at a nonprofit organization.

“I’ve always had a passion for food and helping others, so my Uganda experience was the perfect way to apply what I’ve learned and gain a better understanding of another culture and their applied agricultural practices,” she said.

Besides beekeeping, the Iowa State-Makerere student-learning collaborations tackled projects in agroforestry and school nutrition this year. The binational agroforestry team planted trees to be used for food and fuel and tended to a tree seedling nursery and an orchard at Nakanyonyi Primary School. They also established an agroforestry club at Kasozi Primary School to teach students to care for trees. At homes throughout the community, the team gave demonstrations showcasing proper management practices.

For Logan Hemmen, the Uganda service-learning experience helped to satisfy his newfound craving for world travel and provided an opportunity to apply what he has learned as an Iowa State forestry major. Working on the binational agroforestry team with Makerere graduate Reagan Suubi, Hemmen gained an appreciation for “making the best out of life with the resources you’ve been given.”

After graduation, Hemmen plans a career in hydrology or forestry in the western U.S. as well as further global travels.

The school feeding and nutrition service-learning team worked with kitchen staff and students at primary schools on safe ways to prepare and serve foods. The team also built a rack for air drying dishes at Nakanyonyi and collected data for the ongoing assessment of the program that provides nutritious porridge to students in preschool through second grade at four schools.

“My Uganda experience was the perfect way to apply what I’ve learned and gain a better understanding of another culture and their applied agricultural practices.”

PAYTEN WATSON



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As schools grow, s



The focus for demonstration garden and sale of tomatoes in the district,

do opportunities for the entire community



TO UNDERSTAND how rural Kamuli District communities are increasingly adopting sustainable solutions to meet their most urgent needs, look at the schools. They are growing, inside and out.

At Kasozi Primary School, a modern kitchen was constructed with the support of CSRL donors. The new kitchen includes energy-saving stoves that are 60% more efficient than older stoves. This energy efficiency reduces the firewood required for fuel and speeds up the time it takes for meal prep, enabling timely midday meals that help students grow and learn. A 3,000-liter water tank was also constructed.

During the school term that ended in July, lunches were served to 4,133 students at all five primary schools and one secondary school in partnership with the Iowa State University-Uganda Program. All schools now offer lunch five days per week, an increase by two days at Naluwoli and Namasagali Kasubi primary schools. A mid-morning nutritious snack is provided five days a week at four primary schools to children in nursery/kindergarten, first grade, and second grade.

Much of the fruit and vegetables for school lunches and the wood fueling the cooking stoves comes from on-site gardens and woodlots, which also expanded. Namasagali Primary School allocated an additional two acres while Naluwoli added an acre. ISU-UP staff and undergraduate students from Iowa State and Makerere universities work alongside elementary schoolchildren to maintain and learn from the gardens. Over the summer, a binational team of service-learning students helped to plant a guava orchard and cacao trees at Kasozi, as well as a teakwood lot and guava and cacao trees at Naluwoli.



Beyond providing food for schoolchildren, the school gardens are a community resource. Schools host agriculture field days under the guidance of ISU-UP and Iowa State crop experts. Community members can visit demonstration gardens to see new and improved varieties of plants, learn inexpensive ways to control diseases that could ruin a crop, and observe the performance of different seeds under various management practices.

The focus for demonstration gardens in 2022 was on tomatoes. Tomato wilt and root rot diseases had decreased the production and sale of tomatoes in the district, which hindered the ability of some parents to pay school fees. To address the problem, the school gardening team established a demonstration garden at Namasagali showcasing improved varieties of tomatoes. Building on research by Iowa State graduate students and ISU-UP staff, the demonstration plots teach smallholder farmers and young entrepreneurs about more disease-tolerant varieties—including the benefits and challenges of various types—and better management practices including fertilizing, mulching, and staking the plots.

Demonstration plots for maize and sweet potatoes were set up at Namasagali and Naluwoli primary schools as well, helping families learn how to improve their food security.

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Helping girls navigate a road to independence

GROWING UP IN KAMPALA, Sharon Tusiime spent hours after school and on weekends tending gardens of sweet potatoes, beans, maize, and other crops so her family would have something to eat. She and her siblings farmed a small plot of land at home as well as an acre provided at the elementary school where her mother was a teacher.

“Life was challenging for a 26-year-old single mum raising eight children—including the extended family—by herself,” Tusiime said.

She credits her mother’s “resilience, zeal, hard work, and perseverance” for instilling in Tusiime the motivation to pursue an education. At Makerere University she joined the Iowa State University-Uganda Program service-learning initiative, eventually becoming a student leader for service learning and a research assistant on a tomato research project. After completing her bachelor’s degree in agribusiness management, Tusiime was offered an assistantship at Iowa State and earned a master’s degree in horticulture and a doctorate in horticulture with a minor in crop production and physiology—seed science and technology. ISU-UP assisted her graduate research in Uganda and facilitated field sites in Kamuli where she conducted research projects.

Today Tusiime is the deputy director and seed systems expert at Makerere University Regional Centre for Crop Improvement (MaRCCI), focusing on efforts to help smallholder farmers improve food security in Uganda and neighboring areas. She leads the Seed Science, Technology, and Development Program and manages MaRCCI’s seed systems for the cowpea, sorghum, and horticulture breeding programs.

Just as Tusiime experienced, there are many families in Uganda eager for their daughters to obtain an education that puts them on a path toward independence. The girls’ dormitory at Namasagali Primary School, which was built by ISU-UP so girls would have a supportive environment while they attend school, now accommodates nearly twice as many girls—more than 90—as it was intended to house. Parents see the advantages for their girls to stay in a safe space close to school and the educational opportunities available through ISU-UP.

One of the students who attended Namasagali, Liindah Kasiri, now works as an ISU-UP program specialist. She participated in the school garden program at Namasagali and later worked for ISU-UP on the summer support staff when she was in secondary school. She enrolled at Makerere and was named an ISU-UP service learner for a 10-week internship with the school feeding and lunch program.

Toward the end of her university studies, Kasiri returned to ISU-UP as a volunteer, filling in for a staff member on maternity leave. Kasiri graduated from Makerere in May 2021 with a bachelor’s degree in agricultural and rural innovations and was recruited into her current position as the ISU-UP school lunch and field stores specialist. She is responsible for the nutritious lunch served to children in all program schools and manages the grain inventory.

Liindah Kasiri and Sharon Tusiime are just two examples of motivated and determined women who have benefited from opportunities provided by ISU-UP through donor support, which gave them first-hand experiences in agriculture, nutrition, education, and rural development to build a foundation for their independent lives today.



Sharon Tusiime



Liindah Kasiri



The girls’ dormitory at Namasagali Primary School, which was built by ISU-UP so girls would have a supportive environment while they attend school, now accommodates **nearly twice as many girls—more than 90—as it was intended to house.**



SUSTAINABLE SKILLS FOR YOUNG MOTHERS

A project has been launched to help young mothers in Kamuli District develop vocational skills so they can pursue income-generating activities to support sustainable livelihoods. Some of the young mothers might resume their formal education in the next year.

The program will serve mothers ages 13 through 19 in Namasagali, Kamuli Municipality, Butansi, and Balawoli.

Young mothers traditionally face limited opportunities for independence because many are forced to drop out of school and often get married due to poverty in their homes. These challenges increased with the COVID-19 pandemic lockdown of schools in Uganda.

The CSRL program has identified tutors and mentors to help train young mothers in enterprises that fit the community needs as well as help young mothers establish these enterprises. Not only is the program intended to increase the skillset and income-generating enterprises owned by young mothers, but it is also hoped this project will broaden the availability and sales of goods and services, including food products, horticultural produce, jewelry, and hairdressing in the community





Community group gaining independ

A SIMPLE GOAL launched the Nutrition Education program in rural Kamuli District: Help mothers and other caregivers learn how to feed and care for the children in their community.

In just over a decade since the Iowa State University-Uganda Program opened the first NEC, not only have more women and their children become healthier, but the NEC program itself has spawned dozens of local groups that are self-motivated and self-sustaining. These groups help their members earn money to support their families, as well as provide their communities with local services.

AGALIWAMU TREE NURSERY TAKES ROOT

When the Agaliwamu Food and Nutrition Security Support Group (FNSSG) was established, its 15 members agreed to pool their energies, skills, and other resources to ensure all members could be food and nutrition secure.

Members of the group are women who graduated from the NEC program. They share responsibilities for tending household plots where they grow ingredients that are collectively milled to make flour for a nutritious porridge served in their homes. The sale of excess flour generates funds available to group members. Once they start making a profit, most FNSSGs form and participate in village savings



As a group, Agaliwamu established a tree

s growing up, ence

programs that enable group members to pay their children's school fees, invest in livestock, and support projects suggested by group members.

To help FNSSG members achieve and maintain sustainable, independent lives, ISU-UP staff offer training in a variety of skills, including caring for livestock, building energy-saving stoves for cooking at home, or maintaining trees planted for food or fuel. As a group, Agaliwamu established a tree nursery and began selling seedlings such as cocoa, eucalyptus, lemon, and coffee.

"They plan to specialize in their business for income and open a bank account for the business. They hope this will enable them to sell their produce to other companies," said Moureen Mbeiza, agronomy and land use specialist with ISU-UP.

TUSUBILA BASKETS GO GLOBAL

Beautiful baskets made by the Tusubila Crafts Group have traveled frequently with CSRL team members from Uganda to Iowa, where they are sold on campus and around Ames with the help of the Uganda Alliance, an Iowa State student organization.

CONTINUES ON PAGE 14



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Tusubila, which means “we have hope,” was the first group in the CSRL Community Income Generation Innovations (CIGI) program to register as a Community Based Organization in Uganda, a big step toward independence for the women in the group.

But when the COVID-19 pandemic stopped people from shopping locally and traveling globally, basket sales plummeted. Tusubila’s inventory literally rotted

“When the economy shut down, Tusubila also shut down. Some of their kids got sick because they couldn’t provide food for their families,” said Dorothy Masinde, CSRL associate director for nutrition education programs.

During the pandemic, Tusubila established a connection with a Kenyan businesswoman living in Des Moines who began selling the baskets online (www.josinashandmade.com) and at events such as the Iowa State Fair.

“With our help, Tusubila was able to identify a market that could continue selling the baskets. This shows their resiliency,” Masinde said.

Tusubila baskets and tailored fabric products have a growing reputation in Uganda—with a fan base that includes local government workers and interior designers—and in the U.S. thanks to many connections between the Iowa State and Kamuli communities.

ONE MOTHER’S STORY

Lubwama Aisha is the mother and sole caretaker of eight children. She enrolled at a NEC with a malnourished child and there she learned how to weave baskets. After graduating from Naluwoli NEC, she joined the Tusubila Crafts Group. The baskets she was able to sell helped her to continue providing her children nutritious meals and pay for their school fees.

Aisha expanded her skills through the tailoring group, which enabled her to make clothes for her children and earn additional income selling fabric items such as shopping bags. She earned enough money to build a house after heavy rains destroyed her family’s previous home. When she joined a savings group with other mothers who graduated from a NEC, Aisha was able to purchase a goat.

Aisha now serves on the leadership committee of Tusubila and helps to ensure that members attend weekly meetings. With the support of ISU-UP, Aisha made the journey from a NEC client with a malnourished child, through challenges that helped her build resilience, to become a leader in a CIGI group.



Tusubila

We have hope

Twezimbe

Let’s develop ourselves

Twisa Kilala

Unity is power

Tweyunge

Let’s unite





Lubwama Aisha with two of her sons in front of the house she was able to build.



MORE GROUPS, FEWER NECS

As the needs of a community evolve, so does the purpose of Nutrition Education Center facilities constructed for that community. When the health of NEC mothers and their children improve, and mothers have learned new skills that enable them to maintain their nutritional gains, they graduate from the NECs. When a community no longer needs a NEC, ISU-UP can open a new NEC in a community with greater need. Facilities at closed NECs then become meeting places for Food and Nutrition Security Support Groups, Community Income Generation Innovations groups, and other community groups.

Here's a sampling of new groups of rural Kamuli residents that have been established recently:

- **Twezimbe** (“let’s develop ourselves”) makes exercise books for Ugandan schoolchildren. A team of Iowa State service-learning students from the College of Design helped Twezimbe start producing attractive fabric-covered journals. During a summer internship, Iowa State student Melia Stackis collaborated with the book group to bind story books she created for the recently developed young mothers’ program of ISU-UP.
- **Twisa Kilala** (“unity is power”) makes leather crafts. After group members received training in leather crafting, they were able to master the production of belts and sandals. Now they are working on shoes and other leather goods. Local Kamuli customers are placing orders as fast as the group can fill them.
- **Tweyunge** (“let’s unite”) is a collective of three soap-making groups. Rotating their meeting locations, this group gathers monthly to coordinate supplies, distribution, and sales.

What your support made possible this year

AGRONOMY

- **55 Food and Nutrition Security Support Groups (FNSSG)** received over **200 training days** on agronomy, livestock production, household hygiene, and fuel-efficient stoves.
- FNSSG members collectively paid forward to other farmers roughly **8,000 cacao seedlings, 300 pounds of soybean seeds, 60 pounds of grain amaranth seed, 150 pounds of millet seeds**, and pigs, goats, cattle, and chickens.
- **Three donor-supported graduate students** conducted crops research that will benefit farmers in Uganda and East Africa.
- Created and hosted the **inaugural Cacao Cropping Workshop** that brought together ISU-UP staff, National Agricultural Research Organization scientists, Makerere University Extension specialists, and local farmers.

CIGI

- Community income generation groups involved **106 community members** in crafts making (49 members), soap making (21), bookmaking (16), leather products (10), and jewelry making (10).
- ISU design students conducted a workshop for **85 participants**, including craft mothers, area art teachers, pupils, Makerere University students, ISU leaders, and ISU-UP facilitators.

COMMUNITY NUTRITION

- Opened **4 new NECs** in new areas with over 500 clients enrolled.
- Provide Child Clinic days once per month in all the NECs, served on average **2,000 children per month**.
- Arranged for treatment for **over 30 children with Severe Acute Malnutrition** at a clinic in collaboration with health officials.

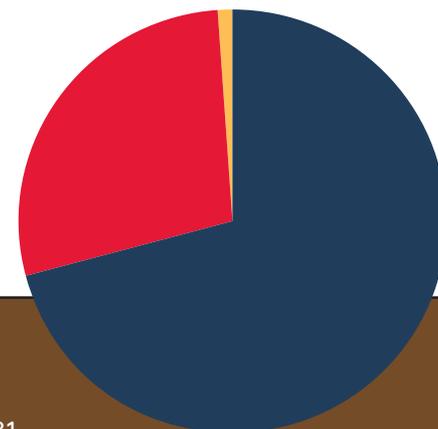
EDUCATION/ENTREPRENEURSHIP

- **Expanded school feeding and lunch program** to include nutritious midmorning porridge for children in preschool through second grade at four schools.
- **Facilitated daily nutritious midday meals** at five primary schools (3,765 pupils) and one secondary school (368 pupils).
- Supported **77 students** in at-home startup agricultural enterprises, with earned incomes paying their school fees and scholastic materials.
- Provided scholarship support for **23 youths**, enabling them to remain in school and participate in entrepreneurial activities.
- Established plantings of **perennial crops**, including tropical fruit trees and wood lot species for fuel, at schools and children's homes.
- Hosted **annual field day** at school gardens and demonstration plots for the local community at Namasagali Primary School, with presentations by students, teachers, and ISU-UP staff.
- Over **1,400 children** visited crop demonstration gardens at Mpirigiti Rural Training Centre.
- Organized and hosted a Youth Institute at MRTC, which developed leadership, social, and technical skills for teams from **16 schools**; 57 students presented, and 23 teachers supported the teams.
- **27 university students** (10 Iowa State and 17 Makerere) completed the summer service-learning program in Kamuli.

HOW OUR WORK IS FUNDED:

TOTAL: \$1,323,144

- Donor funding: \$941,300
- In-kind support: \$365,063
- Crowd funding/other: \$16,781



LIVESTOCK

- Executed **international memorandum of cooperation and understanding** with National Animal Genetic Resource Center & Data Bank.
- Partnered with Makerere University to conduct hybrid (virtual and in-person) webinar on **pig artificial insemination** attended by dozens of participants in Uganda and surrounding nations.
- Formed and trained **six new farmers groups** based on the “send an animal” concept, where community members pool financial resources and take turns buying an animal (goat, chicken, pig) until all members own at least one animal; 161 members have sent **71 goats, eight pigs, and 20 chickens** to other farmers.
- Provided **nine female weaner pigs** to new pig farmers through the piggery pass-on project, a loan program where farmers pay back ISU-UP by passing on female weaners to new farmers.
- Constructed **10 new pig pens** with 10 new pig farmers.
- Conducted workshops on **poultry production and management practices** for Food and Nutrition Security Support Group (FNSSG) members (191 women, 23 men).
- Conducted livestock management workshops at Nutrition Education Centers for **738 farmers**.

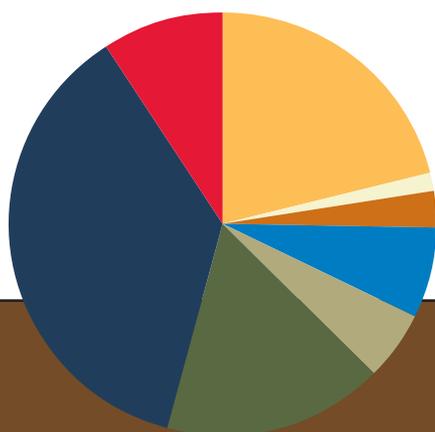
- Hosted workshops at Mpirigiti Rural Training Centre livestock demonstration farm for **599 participants** on poultry), goats, pigs, and dairy cattle.
- Provided **4,875 follow-up visits** to 418 livestock farms and two schools.
- Provided **765 medical treatments** to cattle, pigs, goats, poultry, and sheep.
- Vaccinated **2,598 indigenous chickens** located in 157 households against Newcastle disease.
- Mated **199 female goats** using Mubende and Galla breed bucks.
- Constructed **five water catchment and storage systems** to support area livestock.
- Placed **203 chicks** at two primary schools for their poultry programs.

POSTHARVEST

- Encouraged **small-scale mechanization** for safe and efficient food ingredients processing by farmers who support ISU-UP feeding programs; maize sheller, pedal-powered grain cleaner, amaranth thresher, millet dehuller, edible oilseed press, flour mixer, maize de-bran, and mill.
- Continued to make affordable the supply and distribution of **hermetic silos** to smallholder farmers for storing crops without loss to insects and rodents.

WATER, SANITATION, AND HYGIENE (WASH)

- Completed **30th borehole** including two boreholes installed in collaboration with the Busoga Kingdom. All 30 boreholes are in good condition and managed by local elected water committees.
- Equipped two farmer homes to serve as **demonstration sites for water catchment and improved latrines**.



WHERE YOUR GIVING GOES:

● COVID/flood relief: 9.4%

● Community/school nutrition: 36.5%

● Education: 16.8%

● Clean water/sanitation: 5.2%

● Livestock: 6.9%

● Microfinance/YEP: 2.7%

● Post-harvest: 1.5%

● School facilities: 20.9%

The Center for Sustainable Rural Livelihoods uses the power of education to develop responsible global citizens and thriving local communities that benefit from food and financial security, quality education and healthcare, civic participation, social inclusion, environmental stewardship, and overall sustainable livelihoods.

Thank you for helping this vision become reality.



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