Change Agent: Eunice Muthengi at Work in Kenya

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“As we sat there discussing global policy issues, I realized how much I wanted to be involved in making change, to be a voice for other African women and girls,” Muthengi says. “I basically came back from that conference and went straight to my advisor and said, ‘I need to change my major. I need to be a change agent. That’s what my passion is, and I need to be a leader in helping to change things in Africa.’”

Muthengi tried to decide what kind of background might prepare her for that work: “Political science didn’t feel quite right; psychology felt too individual,” she says. “We ended up deciding on social work because it was a mix—some political science, some sociology, some psychology. I was especially interested in the macro level, how to bring change on the community level.”

It’s clear from just a short conversation with Muthengi, who is an associate at the nongovernmental organization Population Council in Kenya, that she is intelligent, competent, and cares deeply about the people she is trying to help.
Speaking over Google Hangouts, her passion for her work is as clear as her voice, even from half a world away.

Muthengi wants to make the lives of girls in sub-Saharan Africa better in every possible way. As deputy team leader of the Adolescent Girls Initiative-Kenya for the Population Council, she conducts field research to determine which initiatives most improve the lives of adolescent girls in sub-Saharan Africa. This is a four-year randomized, controlled trial that tests the best package of intervention strategies for helping adolescent girls live better lives.

“There are a lot of organizations doing aid work, humanitarian work, implementing programs in Africa. If you’re trying to reduce school dropouts, and you spend all this money implementing the program, and only a small percentage of girls stay in school and you can’t significantly reduce the number of girls dropping out, you have very good intentions but no results. We don’t want to waste funds by implementing programs that don’t reach as many people as a different approach would,” she says.

A data-based approach requires good research, and that is Muthengi’s specialty. “We’re almost ready to collect baseline data for evaluating the Nia Project,” she says. In that trial, girls in 140 schools received either pads for menstruation, a reproductive health education component comprised of facilitated sessions and a health magazine, or both.

“There have been a lot of policies and programs around providing sanitary pads in schools,” she says, but there is a lack of rigorous evidence on whether providing pads will improve attendance and reduce school absences. This study will determine the impact on education outcomes, as well as increased self-sufficiency and improved reproductive health knowledge and behaviors.”

The trial will be conducted in Kilifi, in the coastal region of Kenya, an area with low retention rates from primary to secondary school, high percentages of teenage pregnancy, and high levels of poverty. “If interventions are shown to be effective here, they could be scaled up to other areas in Kenya,” Muthengi says.

Some of Muthengi’s research also looks at how to engage boys and men in a way that will improve gender parity and reduce violence against women.

“Adolescent girls are really vulnerable, and my focus is on how we can design programs that will best meet their needs and give them the skills they need to navigate the challenges they face.” Those challenges include early marriage, violence, poverty, lack of education, poor health, and lack of reproductive health services.

Eunice Muthengi credits her fellow international students and former Dordt professors David Helmstetter and Jim Vanderwoerd with helping her get involved in issues of social justice. Students Without Borders had a social justice component, and involvement with that program became an important part of her college experience. Her first act of protest was as a student at Dordt College.

“One project in our social work class involved leading activism regarding some immigrant families living on land that was to be cleared by Dordt to build something,” she says. “Our class took on their cause and wanted to make sure the families living there would find some other place to live because these were migrant workers working on farms in the area.”

Muthengi says some of the interactions with Dordt administrators were a bit tense. “We needed to understand where they were coming from as well. Yes, Dordt had every right to use their land for what they wanted, but there were also issues of social responsibility,” she says. “We tried to find a middle ground to make sure we didn’t do this at the expense of these families.”

She and another student worked with the professor of the class to publish a paper about that experience and about how experiential learning was a key part of her Dordt education: Vanderwoerd, J., Muthengi, E., Muilenburg, J. (2004), “Role conflicts of BSW students and instructors in experiential learning: Lessons from a case study,” Journal of Baccalaureate Social Work, (9), 31–46.
education and services. Muthengi felt well prepared for the work she does, in part thanks to professors at Dordt who encouraged her to customize her course work in a way that allowed her to pursue her passions.

"Whenever I had an opportunity to write a paper, I'd look at issues of women's economic development in Africa and women's health in Africa," she says. "My professors encouraged me to feel free to bring in any international issues and learn about what was going on in Africa when we were looking at U.S. issues."

Her experience as an international student at Dordt was both challenging and stimulating. "The network of international students, that was really priceless to me," Muthengi says. "It was really a shock coming to Dordt from Kenya. It felt like it was an adjustment not only for us as international students, but also for the other students to adjust to us. It's like many of them had not ever been exposed to people from Africa before." The cross-cultural learning that happened on campus was invaluable, she believes.

Muthengi graduated from Dordt in 2001 and was accepted into her first-choice graduate school; she earned her MSW in social and economic development from Washington University in St. Louis. Following graduation she earned a Ph.D. and MPH from the Community Health Sciences Department of the University of California, Los Angeles (UCLA). While at UCLA, she landed a research internship at Population Council in Nairobi and was hired after finishing her degree in 2010.

Muthengi enjoys working for the Population Council and appreciates its data-driven approach.

“One of my main passions, which has really driven my career, is the importance of developing programs that actually work, and being able to use best practices and evidence to design programs and policies that help people.”

— Dordt alumna Eunice Muthengi

ADVICE

Advice for Dordt students today:

"The biggest thing is exposure. Find opportunities that will stretch you, that will expose you to what you’re not used to or maybe never even considered before. That’s the main benefit of a liberal arts education. You’re not tied into one thing. Even in your major, be open to the fact that you might end up doing the opposite of what you’re thinking. Let everything you participate in be part of a journey of growing and learning and part of figuring out who you are and what your role is in the world. That helps you go beyond just thinking about what is good for me to how you fit in the larger ecosystem and what your contribution will be to make the world a better place or to change things. You can have an impact—within your family, your community, your state, your country, globally. Travel and see how others live.”

SONYAJONGSMA KNAUSS ('97)

ALUMNI NOTES

Andrew DeYoung’s ‘05 The Exo Project, a sci-fi novel for young adults, will be available in bookstores and online starting in April. DeYoung says reading helps young people cultivate lively imaginations. “There’s a reason we think about responding to art, or reading fiction, or thinking about philosophy as part of a broad education,” he says. “It’s part of what makes you a citizen of the world, equipped to deal with the world as it is. But it can also help you imagine new ways of living and being in the world, or new ways of organizing communities. That’s something that, for me, was fed by reading books about stuff that never really happened, and then practicing thinking about them.” He’s completing work on his second young-adult novel, which is part of a two-book deal with his publisher.

Jacob Richards graduated from Dordt’s engineering program in 2016. Today he has turned a student project into a company that helps people get through supermarket check-out lines faster. An article in Silicon Prairie News describes how, as a student, Jacob and his mother were shopping at Hy-Vee when his mother commented, “I wish I knew which line was shortest.”

Intrigued, Richards started thinking about how vision technology might help solve the wait problem for his mother and other shoppers. His solution developed into Feloh, a system of colored lights that helps customers see which line is likely to be fastest and an app that gives managers data to help them operate more efficiently.

Richards designed and fabricated the original technology in his garage and formed a company, IndaFlow, that is supplying the system to several Hy-Vee grocery stores in the Midwest. To read about the project and how it works, visit http://siliconprairienews.com/2016/11/felohs-computer-vision-helps-shoppers-find-fastest-line/.