

SHIGERU

When you look at what's happening in the world now, you see that institutions like MIT, Harvard, Stanford,

MIYAGAWA:

Berkeley, they are all producing digital content and sharing it with the world. That's something that we started with OpenCourseWare here at MIT in the year 2001.

This is now part of the profile of a top university. You do research. You teach your students. And you share your material with the world.

What I see also happening now is that not only do you share your digital educational content with the world, but you bring it back on campus and use that digital content to transform your own residential classroom. This is sort of the final piece of the loop, which I think MIT is very serious in accomplishing.

We have produced something like 200 MOOCs. And they are all used. Virtually all of them are being used for residential education, so much so that 90% of undergraduate students take at least one course at MIT that uses the MOOC.

Open Courseware is used widely by undergraduate students, more so than most people realize. I don't think I've ever run across an MIT undergraduate student who had not heard of Open Courseware.

They use it sort of like air. They use it to see if they want to take a certain course next semester. They use that to catch up on their own course. They use problem sets from several years ago just to brush up on their own study of the course that they're taking and sometimes just to look at a course they know they're not going to take, because it's outside of their specialty, but they're just curious about what's being taught in that course.