

The students said people in their communities are reluctant to believe what scientists say in local presentations about, for example, the relative safety of small doses of radiation.

“Rather than trusting those presentations, people are worried, because they cannot really trust science and technology,” said Yoko Oura, a third-year high-school student at the Fukushima Prefectural Fukushima High School who plans to study medicine.

The students said that before the disaster, they were taught only about the advantages of nuclear power, not about its associated risks, reporting that their schools brought them to the nuclear facility on field trips.

Holt commented that omitting the dangers presented a misleading depiction of science, wherein everything is known and every risk eliminated. Holt told the students that, even apart from their tragic experience and disillusionment, science education should in general present “what we don’t know.”

“That would be much more interesting, it would be much more exciting, and it would be more realistic,” Holt said. What scientists still do not understand is where “the adventure, the challenge, and the importance” of science lie, he added.

Holt expanded on this theme in his keynote speech at Sci-

ence Agora, emphasizing that keeping ordinary citizens unaware of how science works sets up the potential for loss of trust.

“If scientists insist on presenting ourselves as the sole keepers of truth and let the general public think of us as set apart, we should not be surprised that people will accuse us of not telling the truth when bad things happen,” Holt said.

Hamaguchi agreed, expressing a commitment to minimize the insularity of the Japanese scientific community.

“I have to say that in Japan, scientists attempt to stay in the ivory tower,” Hamaguchi said. “At JST, we are trying to nurture scientists to build a bridge between society and science.”

Wang, referring to all the events and meetings he and Holt participated in involving the three countries, said such dialogue helps to foster scientific progress in order to benefit society worldwide.

“The countries we visited are among the world’s most advanced in science and technology, and the visit allowed AAAS to strengthen ties to the key scientific institutions there,” Wang said. “These international partnerships are critical to building strong scientific communities that are well connected with our broader societies to confront the global challenges facing all of us.”



Holt met with KOFAC Acting President WonKi Choi.

2016 AAAS Fellows approved by the AAAS Council

In October 2016, the Council of the American Association for the Advancement of Science (AAAS) elected 391 members as Fellows of AAAS. These individuals will be recognized for their contributions to science and technology at the Fellows Forum to be held on 18 February 2017 during the AAAS Annual Meeting in Boston, MA. Presented by section affiliation, they are:

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