

# **Collaborations Between Industry and Developing Countries: AGERI (Egypt) Shares in Discovery of New Biotechnologies for Maize. (A06-meyer165122-Oral)**

## **Authors:**

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## **Abstract:**

Through the USAID/ABSP funding, Pioneer sponsored four Egyptian visiting scientists in the United States. This project was organized so that upon returning to Egypt these four colleagues would be able to continue their work as a team, and serve as a model to their Egyptian colleagues for the introduction of biotechnology for agricultural improvements. The primary team objective was to become familiar with processes for the development of transgenic maize and resistance to insect pests. Each scientist assumed responsibility for an individual technology focus (e.g., entomology and insect bioassays, maize transformation, Bt toxins and protein purification, and molecular biology), with enough overlap so as to help each other upon returning to AGERI. Training included intellectual property rights, computer management of data, Regulatory issues surrounding transgenics, written and oral presentations in English, and a bit about U.S. culture. The Visiting Scientists made significant progress in all of the target areas. Members of Pioneer, likewise, gained new understanding of Egyptian culture, research and agriculture that will be of long term, mutual benefit.

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