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EDUCATING THE NEXT GENERATION OF SEED INDUSTRY PROFESSIONALS

Online Graduate Program in Seed Technology and Business

The Center's Graduate Program in Seed Technology and Business (STB) is an online master's degree that provides leadership training for seed industry professionals. Students gain a better understanding of the science, technology, and business management involved in day-to-day operations of the seed industry. The online program integrates coursework from the ISU College of Agriculture and Life Sciences and the Ivy College of Business, and is available to students world-wide. Course curriculum covers topics such as seed production and genetic improvement along with business administration courses. Graduate certificates and short courses in seed science and technology and seed business management are also offered.

Learn More: seedgrad.iastate.edu

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STB Graduate Program seedgrad.iastate.edu

WORLD'S LARGEST PUBLIC SEED LAB

Leader in Seed Health Testing. **35,000** Samples tested annually on **300** Seed Species and for **350** Pathogens.

GLOBAL PROGRAMS

Programs in **80** Countries in the past **20** years that Facilitate the Movement of Quality Seed Globally.

RESEARCH & ENGAGEMENT

130 affiliated Faculty, Staff, and Graduate Students engaged in Cutting-Edge Research and Seed Science Center Programs. Biennial Symposium. Newsletter distributed to **53** Countries.

TRAINING, WORKSHOPS & SHORT COURSES

28 Workshops and Short Courses provided Annually for Seed Industry Professionals for more than **42** years.

seeds.iastate.edu



IOWA STATE UNIVERSITY

Seed Science Center

More than 100 years of excellence in seed testing, research, and outreach

Innovation • Education • Capacity Building

A GLOBAL CENTER OF EXCELLENCE IN SEED SCIENCE, TECHNOLOGY, AND SYSTEMS

We invite you to contact us to explore the many ways we can partner to improve the livelihoods of smallholder farmers—in our own backyard, as well as around the world—and work to educate the next generation of seed industry leaders

Manjit Misra, Director, Seed Science Center, Iowa State University

Who We Are

Located on the Iowa State University (ISU) campus in Ames, Iowa, the Seed Science Center is a center of excellence nationally and internationally in seed research, education, technology transfer, and international programs. It provides a focus for teaching, research, and extension programs on seed in the College of Agriculture and Life Sciences and is a global leader in introducing science into policy to benefit world seed trade. seeds.iastate.edu

World's Largest Public Seed Laboratory

The Center houses the largest comprehensive public seed laboratory in the world. For more than 100 years, the laboratory has provided accurate and professional seed testing services for members of the seed industry. It performs tests on more than 300 species of seeds and for more than 350 different pathogens. Designated by the USDA to administer the National Seed Health System, the Center is recognized as a leader in seed health testing. seedlab.iastate.edu

Seed Science and Technology Research

Center faculty specializing in seed physiology, seed pathology, risk management, and seed conditioning conduct cutting-edge research in the areas of sustainable agriculture, biotechnology, crop utilization, computer technologies, microbiology, toxicology, and molecular biology. seeds.iastate.edu



PROVIDING QUALITY SEED TO FEED THE WORLD

Global Programs

Working to provide access to quality seed, facilitating seed trade, and promoting the growth and development of the seed industry are important missions of the Seed Science Center's Global Programs. In the past 20 years, Center scientists have designed and conducted projects in more than 80 countries around the world to achieve these goals. Global program efforts include seed industry development, establishment of testing and training facilities, policy and regulatory harmonization in phytosanitary measures, plant variety protection, variety evaluation and registration, seed certification, and development of national seed laws.

seeds.iastate.edu/global-programs

To Feed the Future, We Must First Seed the Future

Seed is a critical component to the future of food, fuel, and fiber production throughout the world. From the early research of George Washington Carver, to today's biotech seeds that feed, fuel, and supply the world, Iowa State University time and again has proven itself a leader.

The Seed Science Center has a proud history of excellence in seed testing, research, and outreach. We are committed to meeting the global food security challenges that lie ahead in feeding our growing world population by the year 2050. We are convinced that innovation, science and technology, and collaboration are key components to realizing this goal. Therefore, we invite you to contact us to explore the many ways we can partner to improve the livelihoods of smallholder farmers—in our own backyard, as well as around the world—and work to educate the next generation of seed industry leaders.

Learn More: seeds.iastate.edu

