

# Seed Technology Careers for SDSU Students

## Partner with SoDak Labs, Inc. and Seed Academy

### OVERVIEW:

SDSU students employed at SoDak Labs, Inc., student becomes an associate member of Society of Commercial Seed Technology (SCST), completes Seed Academy online training, all paid by SoDak Labs along with salary. Each hour of employment, qualified SDSU courses and online Seed Academy courses earn points toward taking the respective accreditation examinations listed below. Titles obtained are great resume builders and stay with individual for life. Training gives real world experience toward careers in Farming, Seed Production, Seed Sales, Agronomy, Range Science and Horticulture. Learn and become proficient in laboratory techniques in ELISA, Electrophoresis, Seed Pathology, PCR as great knowledge and experience for Microbiology, Animal Science, and Veterinary Science careers.

### FOCUS AREAS:

**Registered Seed Technologist (RST)** - focus on seed identification, purity testing and germination testing. Enroll in the Seed Academy Courses online in Seed Biology, Seed Identification and Seed Technology courses and works under the mentoring of a SoDak Labs RST.

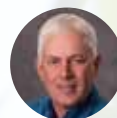
**Certified Viability Technologist (CVT)** – focus on viability and vigor testing techniques on many species. Enroll in select Seed Academy courses and mentors with a SoDak Labs RST.

**Registered Genetic Technologist (RGT)** – focus on laboratory techniques including protein, isozyme and DNA extraction of insect and herbicide traits in seed and grain. Gain experience and knowledge in Herbicide bioassays, Enzyme Linked Immunosorbent Assays (ELISA), Electrophoresis, and Polymerase Chain Reactions (PCR). Works under the mentoring of a SoDak Labs RGT.

**Certified Genetic Technologist (CGT)** – focus on one or more methods including Herbicide bioassays, Enzyme Linked Immunosorbent Assays (ELISA), Electrophoresis, and Polymerase Chain Reactions (PCR). Works under the mentoring of a SoDak Labs RGT.

Goal upon graduation in your field of study you are also prepared to take one the respective examinations to obtain your individual accreditation. For more information contact SoDak Labs, Inc.

### MENTORS:



**Tim Gutormson, RST**  
B.S. & M.S. Agronomy



**Kalyn Brix, RGT/RST**  
B.S. Ag Education  
M.S. Agronomy



**Laura Carlson, RST**  
A.A. Agri-Business



**Lauren Shearer, RGT**  
B.S. Animal Science  
M.S. Dairy Production



**Cady Olson, CVT**  
B.S. Range Science



**Jessica Roberts, RGT**  
B.S. Microbiology



**Miranda Smidt**  
A.A. Agri-Business  
B.S. Agronomy



**MacKenzie Mattern**  
B.S. Horticulture  
M.S. Plant Science

### SEED ACADEMY 2023 COURSES:

COURSE	TARGET AUDIENCE	DATE	TIME
SA305 Seed Technology	Laboratory Staff	Tuesdays, January 10–March 28	10:00 am
SA306 Seed Identification	Laboratory Staff, RSTs	Wednesdays, January 11–March 29	10:00 am
SA301 Seed Biology	Management, Corporate, Laboratory Staff	Thursdays, January 12–March 30	10:00 am
SA231 Seed Sampling (ISTA)	Production, Laboratory Staff	Wednesdays, March 8–29	11:30 am
SA310 Quality Assurance	Production, Quality, Corporate Staff	Tuesdays, January 10–March 28	11:00 am
SA350 Genetic Technology	Laboratory, Management, Corporate Staff	TBD	TBD