



UA Community and School Garden Program Impact Report 2020-2021



Regional Impacts

- UA School Garden Workshop Class
 - School Year 2020-2021, **52 UA students** provided triage garden support across TUSD during COVID-19 school closures
- Green Academy Professional Development
 - Over **100 K-12 teachers** attended monthly workshops impacting more than **600 K-12 students**
- Curriculum and hands-on kits: Microgreens + Germination + Art
 - Seed Germination Curriculum
- Food Literacy Programming:
 - **150 students** were trained to prepare meals, received a meal kit, and replicated it at home
 - Nutrition lessons and tastings were delivered to **100 students**
 - **350 pounds** of produce provided for tastings, culinary demonstrations, or donations to families and staff.
- STEMAZing Institute
 - In collaboration with Pima County School Superintendent, CSGP delivered an intensive 3-day garden workshop for **26 teachers** from across Arizona impacting **1375 K-12 students**
- Tucson Unified School District Summer Professional Development Institute
 - 6 hours of teacher training delivered to **85 K-12 educators** impacting **~5000 K-12 students**
- GreenReach
 - **4 UA student workers** supported garden projects that directly impacted **56 K-12 educators and 2210 students**





National Impacts

- Coast-to-Coast School Garden Tour
 - In collaboration with Sprouts Foundation, CSGP was featured on the first ever Coast-to-Coast School Garden Tour reaching more than **50,000 K-12 student viewers**
 - [Virtual Tour](#)
- FoodCorps National Training
 - 150 FoodCorps Service Members were trained in Social Emotional Learning in the Garden impacting **~2400 K-12 students**
- Open-access curriculum creation/distribution
 - [Distance Learning Resources](#)
 - [School Garden Almanac](#)
- National Science Foundation Southwest Desert Almanac Conference 2020-2021
 - Established a STEM community of practice in for **35 educators** from **5 states**
 - Published pedagogy and **research articles** in [Science and Education](#) and [Environmental Education Research](#)
 - Created **4 open-access case studies** and **2 white papers** on garden-based teaching and research
- National Science Foundation Support to replicate 'agrivoltaics' research and educational efforts in Colorado 2020-2021
 - Established a garden array under a solar photovoltaic canopy
 - Create a food distribution pipeline to local food banks
 - Establish the Colorado Agrivoltaic Learning Center to model garden-based teaching and research after our CSGP



Global Impacts

- Green Technicians Program (United Kingdom)
 - Through a collaboration with University of Glasgow, we helped launch a CSGP model program in Glasgow Scotland. This year the program has expanded from University of Glasgow to University of Leeds and University of Aberdeen:
 - [Glasgow Times Article](#)
- Harvesting the Sun Twice - Agrivoltaics in Kenya
 - Through a collaboration with University of Sheffield (United Kingdom), we launched a food + renewable energy production experiment and farmer training program at Latia Farms. Since 2011, Latia has provided training and business support services to farmers, pastoralists and agribusinesses in Africa.