

TUSD/UA Ecology Sustainability Program

Biodiversity

Culture

Climate

TUSD



Vision



- Provide central coordination and expertise for gardening and sustainability programs within TUSD
- Serve as a conduit for UA engagement
 - Internship placements
 - Program evaluation
 - Joint Fundraising
- Paradigm shift: lead with capacity building and follow with infrastructure

Program Components



Ecology Sustainability Pipeline:

- PK-UA curricular pipeline
 - Manzo
 - Mansfeld
 - Tucson High Magnet School
 - University of Arizona

TUSD School Garden Network:

- Broad TUSD-wide support



Current Projects

- Mission Garden heirloom fruit tree cloning project expansion:
- Biosphere 2 mini-LEO expansion
- Grant funded *Green Academy* implementation; application for second-year funding
- Ecology-sustainability integration within existing Mansfeld MS and THMS STEM programs
- THMS garden and greenhouse infrastructure



Sallie A. Marston
Professor & Director

Background on the UA CSGP

- 2010: started with 1 intern doing an independent study to support the Food Bank's CPPW initiatives
- 2011: became a formal service-learning course cross-listed with 7 units on UA campus
- enrolls undergraduates and graduate students who are placed to support the needs of their particular placement sites



UA and Donor/Foundation Investments in the UA/TUSD Partnership

UA Investment

- UA internal monies that have been raised to support the training and placement of UA interns since 2010
- \$158,000

Donor & Foundation Investment in TUSD Pre-K to UA Pipeline

- Stranahan Foundation \$50,000
- Ken & Linda Robin \$10,000
- Anonymous \$10,000
- Pending \$50,000+

UA Context of 100% Student Engagement

- UA President Hart's directive to have 100% student engagement by 2020
- UA's commitment to be a minority serving institution
- Legislature's mandate for the state's universities to serve all of Arizona's young people
- UA's efforts to increase the number of first generation (First-Gen) college students and provide a network to support their graduation

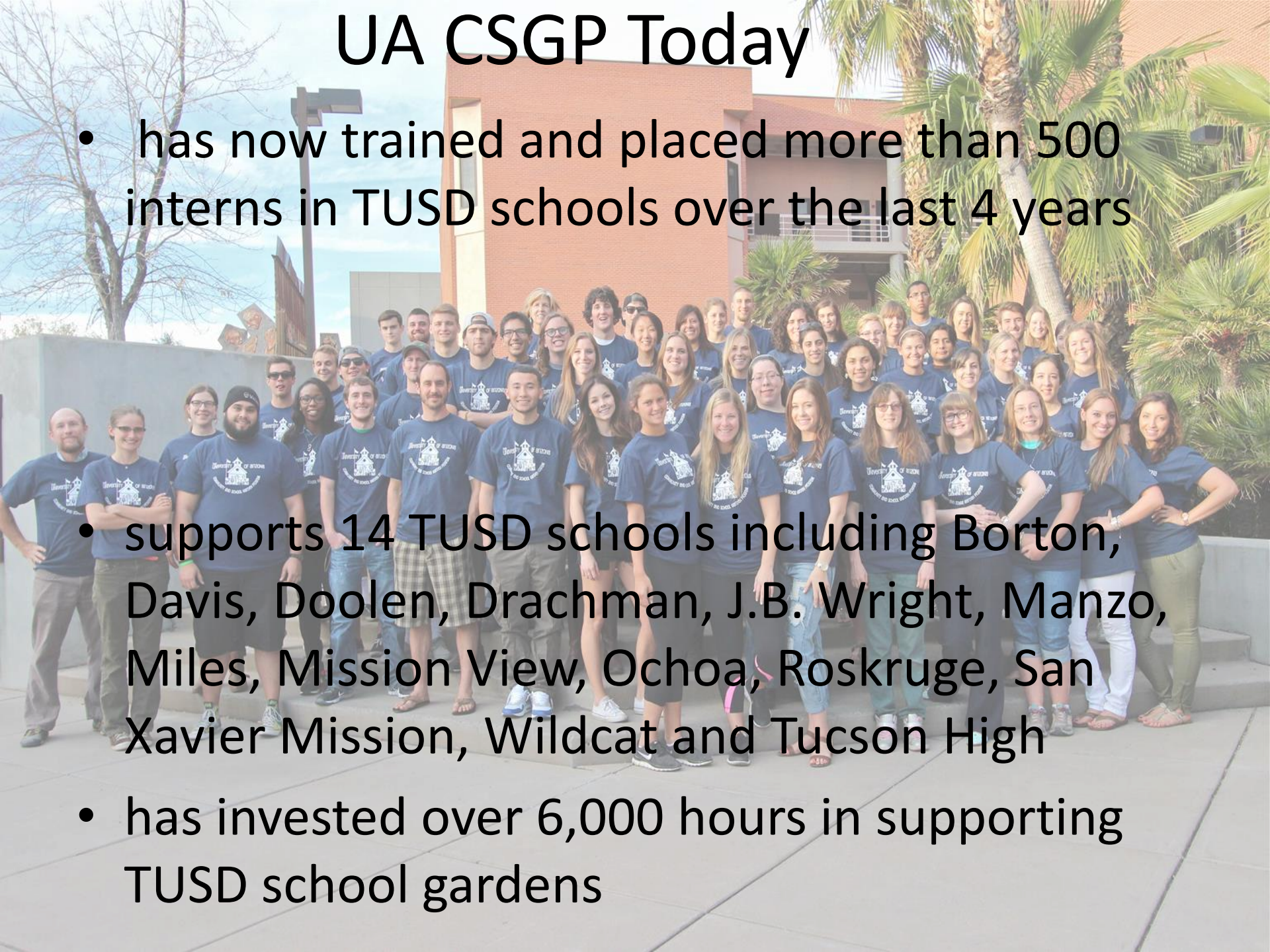


UA CSGP Today

- has now trained and placed more than 500 interns in TUSD schools over the last 4 years

- supports 14 TUSD schools including Borton, Davis, Doolen, Drachman, J.B. Wright, Manzo, Miles, Mission View, Ochoa, Roskruge, San Xavier Mission, Wildcat and Tucson High

- has invested over 6,000 hours in supporting TUSD school gardens



Value of the UA-TUSD Partnership around School Gardens

- TUSD provides the opportunity for UA student-interns to become engaged citizens
- UA brings research expertise and donor opportunities to help support and extend TUSD's efforts in garden-based experiential education and healthy eating
- Both partners are enriched by the collaboration as UA students and faculty gain from and extend the benefits of new knowledge and learn from the innovations and insights generated by TUSD teachers
- UA develops connections with TUSD school children and youth that encourage life-long learning possibilities



