

Report from VP Pre-College Education (both regarding SD and ST): October 3, 2017

The Creative Learning Exchange:

1. The CLE will be offering its biennial conference: Systems Thinking and Dynamic Modeling Conference for K-12 Education, at Babson Conference Center, June 29 – July 2, 2018.
2. Enough money was raised to support the first very basic stage of the development of the SPLASH visual system dynamics app to support learners who would benefit from a modeling software that shows the flow of substance through the flow pipes and into a clear stock container. A working prototype is expected by the end of December.
3. DyanmiQueST will be held at WPI, Friday, March 16, 2018, under the sponsorship of the System Dynamics Group. This year we will once again use the World Climate simulation, with a system dynamics debrief as well as presentations and posters by students. One of the feature of the event is the coaching of the students by experienced system dynamicists, so anyone interesting in joining us for this stimulating and fun day, please contact Lees Stuntz (stuntzln@clexchange.org).

Outreach to Pre-College in Reykjavik:

4. An initial communication was made between Dr. Anna Olafsdottir, Dr. Harald Sverdrup (both from University of Iceland) and Diana Fisher to try to organize some Pre-College workshops or presentations for interested pre-college educators during the time the ISDC will be held in Reykjavik, August 2018. Roberta Spencer made the initial contact.

Report from the Waters Foundation:

Waters Foundation Systems Thinking in Education
 Systems Thinking Group
 Update, October 2, 2017

School Districts	Status	Description
Milwaukee Public Schools	4 th year 2 nd regional WF Institute planned for March, 2018	ST capacity building with district admin and admin & teachers in 9 schools. Training of trainers program has started with a group of 6 teachers. Workshops and onsite coaching
Twin Rivers Unified School District (Greater Sacramento, CA)	4 th year	Ongoing ST capacity building with district admin (academic and operational). Training of principal mentors to apply ST to admin coaching.

		Training of Instructional coaches to infuse ST into existing PD plans. Training of trainers with classified leaders to provide a series of workshops for district personnel. Intro to ST for student leaders (100+) HS students from across the district.
Lee County School District Auburn City School District (Alabama)	1 st of 3 year grant	Funded by WK Kellogg Education Foundation 3 cohorts of teachers and admin participating in ST workshops and onsite coaching We are collaborating with Auburn Univ faculty in College of Ed
Lee County School District Owsley County Schools (Kentucky)	1 st of 3 year grant	Funded by WK Kellogg Education Foundation 3 cohorts of teachers and admin participating in ST workshops and onsite coaching We are collaborating with KVEC— Kentucky Valley Education Consortium
Sunnyside Unified School District Tucson, AZ	2 nd of 3 year grant	Funded by Hewlett Education Foundation ST workshops for classified leaders – 2 hour sessions scheduled throughout the year Participation in the Tucson ST Institute (Sept, 2017)- 25 classified and certified leaders Washington Univ Social Systems Lab interns facilitate ST group mapping session with 11
Los Angeles Universal Preschool	2 nd year	ST workshops for 100+ preschool directors focused on leadership and the natural ST capabilities of young children
San Antonio Unified School District	1 st year	ST Capacity building for district leaders
Site/Organization	Status	Description
Great Expectations, First Things First and United Way of Tucson and Southern Arizona	9 th year	Ongoing ST capacity building and support for 18 Communities of Practice that impact young children Birth to 8yrs.

		Long-term grant funded by First Things First Arizona
Winona Thrives Winona, Minn	1st year	Leaders from the Winona YMCA attended the March, 2017 ST Institute in Milwaukee and organized 50+ community leaders (including the convenor, Winona Health) to gather and participate in a ST capacity building effort to build a community system focused on a vision, <i>Thrive Winona</i> Oct, 2017
AZ Dept of Education Early Childhood Division Phoenix	1st year	Kindergarten transition conference speaking and workshops for 200+ early childhood and PreK-12 educators
Center for Early Education Learning Outcomes (CEELO) Washington DC	3 rd year	ST capacity building workshops and coaching for selected state level early childhood specialists selected as Fellows. Approximately 7-8 per year.
Governor's Association, Education Division Washington DC	1st year	ST capacity building for Education Division leadership and staf
Mockingbird Foundation San Francisco, CA & Washington	1st year	Funded by the Stuart Foundation—working with NGOs focused on youth homelessness and youth empowerment in Northern CA and Washington
Battelle for Kids Columbus, Ohio	1 st year	Initial capacity building and planning for ongoing efforts to work with the Battelle for Kids staff and with the 22 member school districts of their Ohio SOAR network
UT San Antonio PREP	1 st year	ST capacity building and follow-up coaching for approx. 50 PREP math/science teachers
Turkey EVEC Foundation (Emre Goktep)	3 rd year	Two face-to-face visits to facilitate workshops for Turkish educators. Collaborative structures, peer coaching groups and online coaching support help sustain learning efforts. Select educators conducted a

		webinar of their work with students for the WF—see Emre’s summary
Tucson Unified School District	ongoing	Provide capacity building, leadership training, and coaching to various schools and departments in TUSD
Products/Resources/Capacity building Opportunities		
Habits cards	1 st edition – 3 years 2 nd edition – 3 years to date	Now sold on Amazon Prime and WF website. To date have sold and distributed close to 40,000 sets Notable customers: General Electric – purchased close to 5000 sets to date used in their Adv Management Course worldwide Kaiser Permanente, Starbucks, The Home Depot, Penn State Health/Medical School, and others
<i>Habit-forming Guide to Becoming a Systems Thinker</i>	Published 2017	Now sold on Amazon Prime and WF website Since May, sold close to 1000 copies. Is being used as a university text at the Univ of AZ Honors College and the Univ of Colorado Environmental Science Graduate School Also sold in bookstores at the Univ of AZ and St. Mary’s College
Web-based Learning Management System	In development	Goal is to completely revamp our WebEd learning modules, place the Habit-forming Guide online as an interactive resource, provide online coaching, and micro-credentialing opportunities.
Level 1 & 2 workshops	Offered every summer in Tucson and occasionally in NC and other sites as requested	Level 1 – 28 hours Level 2- 28 hours with Level 1 or its equivalent as a prerequisite
Systems Thinking Institutes	2 nd year (although we hosted several 4	March 2017 – Milwaukee Sept 2017 – Tucson

	years ago in St, Louis)	March 2017 – Milwaukee They are 2-3 day events that include keynotes, workshops and school visitations.
Webinars	2 nd year	During the school year, we try to host a webinar each month that showcases various practitioners, highlights specific skills and resources. All webinars are free and recorded and placed on our website for viewing
Work in planning stages		
China		Teams of Chinese education and business leaders have been to Tucson twice to tour schools and complete a 2 week ST course—WF Level 1 & 2 Planning is ongoing to bring ST to Chinese schools
International Children’s Art Foundation		Considering request to develop an issue of their magazine focused on systems thinking
Global SOL (Europe)	2018	Planning to participate in their annual conference to facilitate workshops and engage European educators
Partnerships		
Creative Learning Exchange	ongoing	We support one another’s events and efforts to bring ST/SD to students
University of Wisconsin	2 nd year	Working with faculty to develop assessments for our ST Institutes. Hired an intern from their graduate school to assist with assessments and other duties as appropriate
Camp Snowball Formerly with SolEd Partnership and recently with the Academy for Systemic Change	7 years	It was recently decided to suspend efforts to continue Camp Snowball and focus on regional efforts to engage communities and educators in ST
Tucson Demonstrations Sites Borton Elementary (TUSD) Catalina Foothills School District	ongoing	These sites open up their doors to visitors as scheduled by the WF to show the seamless integration of ST into classroom instruction and

City HS and City Center Collaborative		school/district leadership. In exchange, we support ongoing capacity building for new employees and respond to other requests as needed.
ISDS	ongoing	Always supportive with efforts to participate when the annual conference is in the US
EdLeaders21	5 years	We are members of this district network focused on 21 st century learning. We participate in their annual conference each year. Currently they have approx. 175 member school districts.