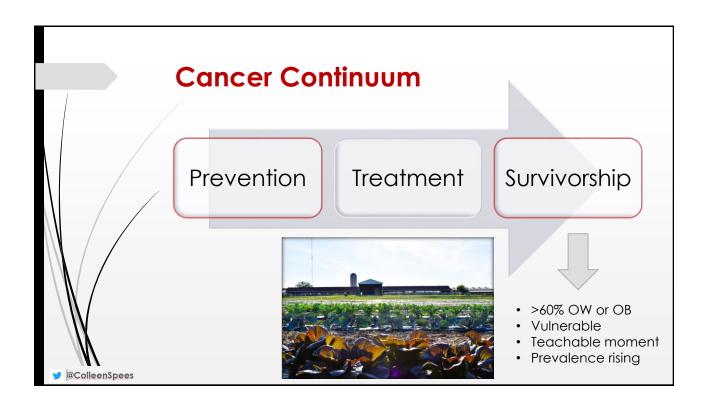
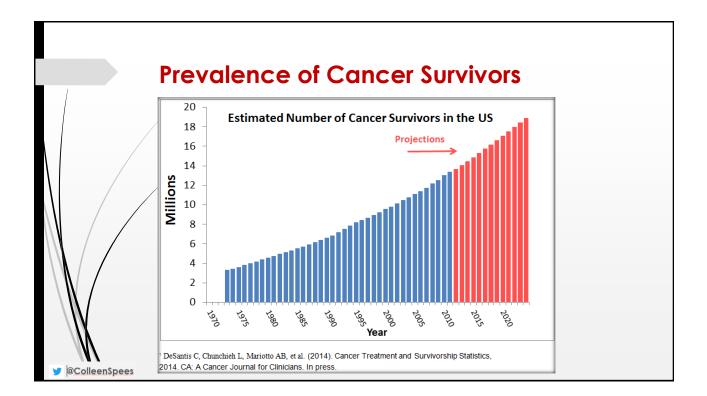
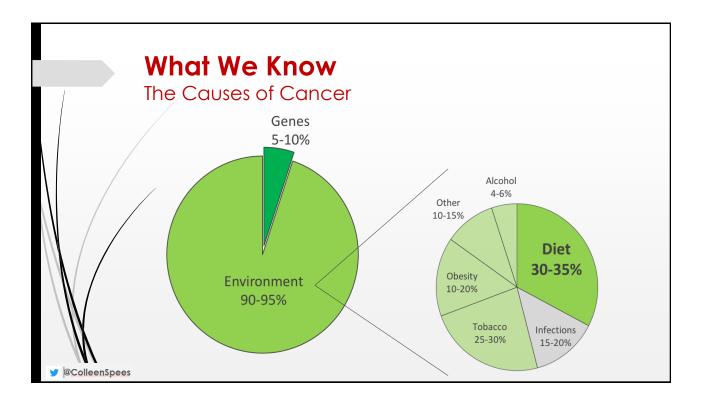
HOPE GROWS

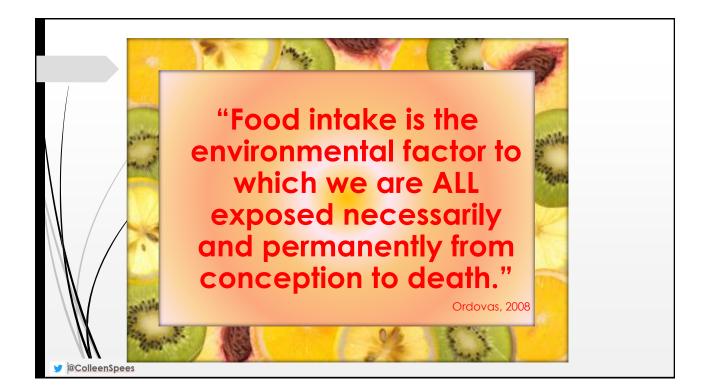
Garden-based interventions improve physical & mental health of cancer survivors



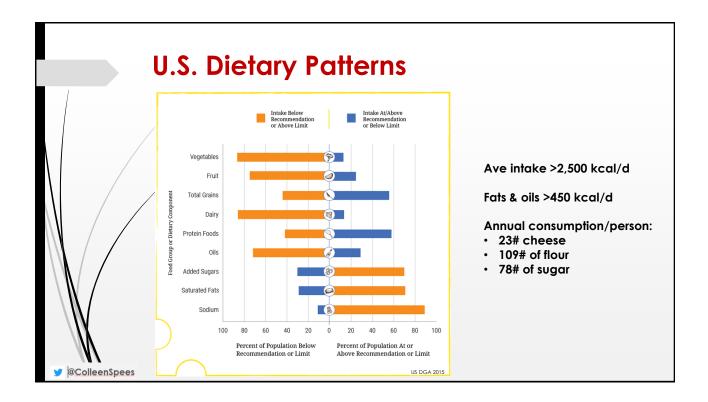


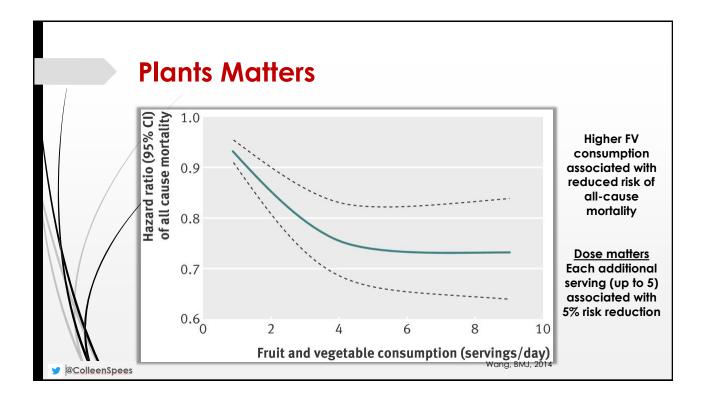


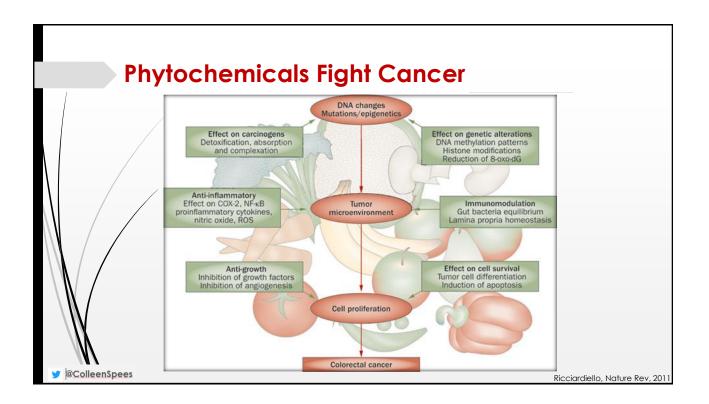


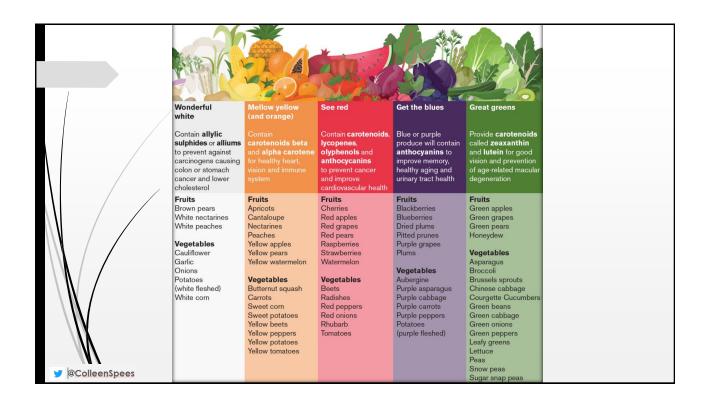


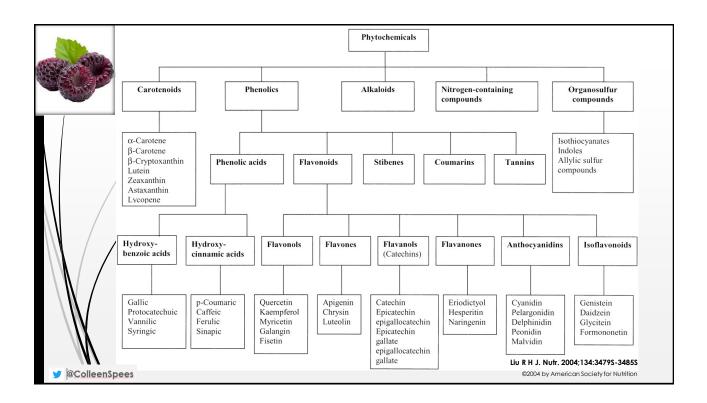
	DGA (Clinton)	AICR/WCRF (Clinton)	ACS (Spees)
Body Weight	Achieve and maintain a healthy weight (BMI 18.5-24.5).	Be as lean as possible without becoming underweight.	Be as lean as possible throughout life without being underweight.
Physical Activity	At least 150 min/wk of moderate- intensity, or 75 min/wk of vigorous- intensity aerobic physical activity.	Be physically active every day in any way for at least 30 min.	At least 150 min of moderate intensity or 75 min of vigorous intensity activity each week, preferably spread throughout the week.
Produce	Consume 2½ cups of vegetables/d and 2 cups of fruit/d. Choose whole fruits and vegetables from all of the subgroups—dark green, red and orange, legumes, starchy, and other.	Base your diet around plant foods. Aim to fill at least two-thirds of your plate with vegetables, fruits, whole grains and beans.	Eat at least 2½ cups of vegetables and fruits each day.
Meat	Consume a variety of protein foods, including seafood, lean meats and poultry, eggs, legumes, and nuts, seeds, and soy products.	Up to 18 oz cooked meat red meat/wk, limit processed meat.	Limit how much processed meat and red meat you eat.
Sugar & Energy Dense Foods	Consume less than 10% of kcal/d from added sugars.	Avoid sugary drinks. Limit consumption of energy- dense foods.	Limit intake of high-kcal foods and drinks as keys to help maintain a healthy weight.
Supplements	Nutritional needs should be met primarily from foods.	The best source of nourishment is food and drink, not dietary supplements.	Food is the best source of vitamins and minerals.



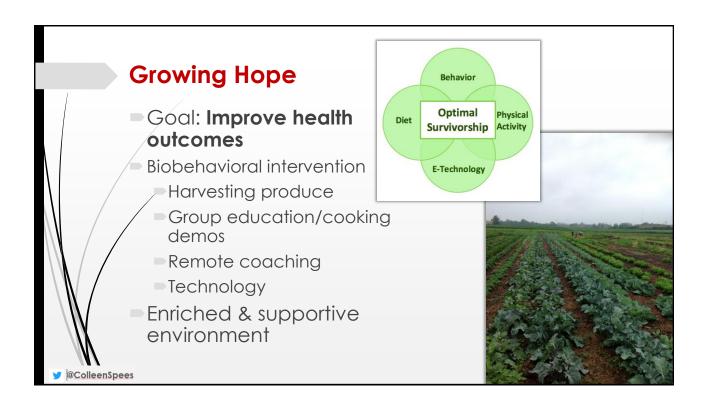


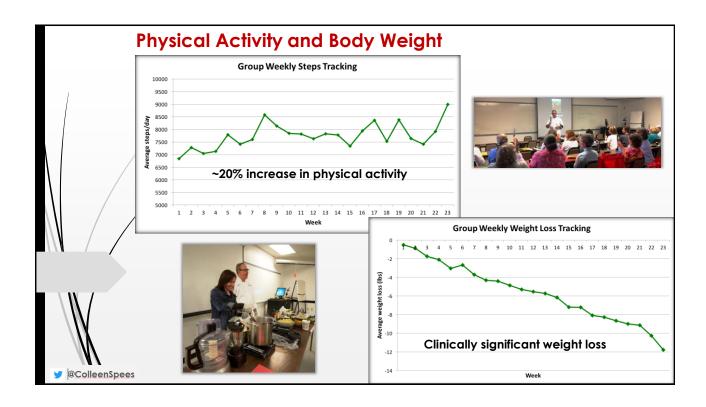


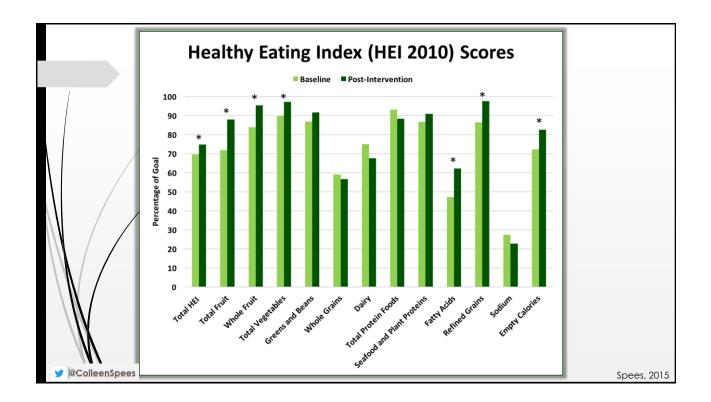












Variable	Baseline Mean (SD)	Post Intervention Mean (SD)	Difference (95% CI)	P-value
Weight (kg)	85.28 (16.21)	81.40 (16.68)	-3.88 (-5.61, -2.15)	< .001*
Body mass index (kg/m²)	31.85 (5.13)	30.40 (5.33)	-1.46 (-2.09, -0.82)	< .001*
Waist circumference (cm)	102.03 (13.59)	96.53 (13.56)	-5.50 (-6.90, -4.11)	< .001*
Physical activity (steps/d)	6,560 (3,420)	7,768 (3,523)	1,208 (104.49, 2,313.02)	0.033*
Quality of life (score)	268.72 (51.23)	285.24 (52.16)	16.52 (5.78, 27.26)	0.004*
Systolic BP (mmHg)	127.66 (15.82)	118.14 (12.99)	-9.52 (-16.02, -3.02)	0.006*
Diastolic BP (mmHg)	75.03 (8.27)	73.21 (7.97)	-1.83 (-4.66, 1.00)	0.197
Total cholesterol (mg/dL) ⁺	190.41 (29.49)	179.21 (32.20)	0.94 (0.90, 0.98)	0.004*
HDL (mg/dL) ⁺	54.90 (13.34)	53.41 (13.04)	0.97 (0.92, 1.03)	0.275
LDL (mg/dL) ⁺	113.45 (28.60)	107.72 (28.99)	0.95 (0.89, 1.00)	0.051*
Triglycerides (mg/dL) ⁺	133.21 (52.72)	113.10 (44.36)	0.86 (0.76, 0.96)	0.010*
HbAlc (%)	5.68 (0.53)	5.70 (0.45)	0.02 (-0.25, 0.30)	0.879
hs-CRP (gm/L) ⁺	3.96 (4.21)	3.25 (4.07)	0.72 (0.58, 0.89)	0.004*
lgFBP3 (ug/mL) ⁺	4.74 (0.87)	4.50 (0.84)	0.95 (0.91, 0.98)	0.005*
lgF-1 (ng/mL) ⁺	95.59 (34.11)	104.45 (40.13)	1.07 (0.86, 1.33)	0.553
Skin carotenoids (RSS)	29509 (11471)	33963 (14441)	4455 (944.42, 7964.61)	0.0157
Plasma carotenoids (umol/L) ^{+a}	1749.51 (871.74)	2330.04 (1220.81)	1.35 (1.15, 1.58)	<.001*

		Quality	of Life		
	QOL Item (N=29)	Baseline Mean (SD)	Post-Intervention Mean (SD)	Difference (95% Cl)	P-value
	Quality ⁄of Life (Total Score)ª	268.86 (51.24)	284.93 (51.75)	+16.07 (5.51, 26.62)	0.004*
	Physical Well Being				
	Fatigue	5.59 (2.64)	6.52 (2.72)	+0.93 (0.01, 1.86)	0.049*
	Psychological Well Being	7 17 (0 07)	0.00 (1.00)	. 1 11 (0 10 0 00)	0.000*
\ \ /	/ How good is your quality of life?	7.17 (2.27)	8.28 (1.22)	+1.11 (0.18, 2.03)	0.022*
	How useful do you feel?	7.21 (2.14)	7.76 (1.81)	+0.55 (0.06, 1.05)	0.030*
	Spiritual Well Being				
	How hopeful do you feel?	7.69 (1.61)	8.28 (1.69)	+0.59 (0.15, 1.02)	0.010*
M	To what extent has your illness made positive changes in your life?	5.72 (2.76)	6.48 (2.68)	+0.76 (0.06, 1.45)	0.033*
	eenSpees		٩Out	lity of Life Patient/Cancer Survivo	r Version (OOL (







- 2017 Survivors of youth cancer
 Results
 - Acceptability and feasibility
 - Significant improvements
 - QOL
 - Parenting behaviors
 - Mealtime interactions
- <u>https://www.facebook.com/osu/videos</u> /10156719720583858/







