Ivy Tech Service Learning Community Garden: A Collective Impact Approach to Cultivate the Community
OUTLINE

• What is Collective Impact?
• Collective Impact and Service Learning
• Sabbatical
  – Ivy Tech Service Learning Community Garden
• How do I get started?
What is Collective Impact?

“The commitment of a group of important actors from different sectors to a common agenda for solving a specific social problem.”

Kania and Kramer, 2011
Stanford Social Innovation Review
Collective Impact: FIVE Pillars

- **Common Agenda**
  - Keeps all parties moving towards the same goal

- **Common Progress Measures**
  - Measures that get to the TRUE outcome

- **Mutually Reinforcing Activities**
  - Each expertise is leveraged as part of the overall

- **Communications**
  - This allows a culture of collaboration

- **Backbone Organization**
  - Takes on the role of managing collaboration

*http://www.collaborationforimpact.com/collective-impact/*
Collective Impact: Driving Community Outcomes

Fowler and Maynard, 2017
Greater Cincinnati STEM Collaborative
Collective Impact: Participatory Practices

“social action processes with dual goals of collective empowerment and the deepening of social knowledge”

Research
Education
Action

Reach
Rigor
Relevance

~ ALL partners equitably engaged ~

Barnes and Schmitz (2016)
Ivy Tech - Lawrenceburg Campus
Collective Impact and Service Learning

Service Learning Mission:
“to provide extensive, meaningful, and purpose-driven community service opportunities which are embedded into coursework across disciplines and rooted in real life experience, thus developing students who are community-minded and global citizens”

Ron Nicholson
Service Learning Program Director
Ivy Tech - Lawrenceburg Campus
Collective Impact and Service Learning

• Supported by Campus Compact
• National, regional (Midwest) and state (Indiana)

“Campus Compact is a national coalition of 1,000+ colleges and universities committed to the public purposes of higher education. We build democracy through civic education and community development.”

Campus Compact
https://compact.org/

Indiana Campus Compact
http://indianacampuscompact.org/
Service Learning Certificate

• General Education Service Learning Certificate
  – 9 hours service learning credits
• Common partner – Clearinghouse Food Pantry
• Common theme – Food poverty in America

CHALLENGE:
Implementing service learning in BIOL101

Ron Nicholson
Service Learning Program Director
Ivy Tech - Lawrenceburg Campus
Service Learning: BIOL101 pilot

Project-based garden curriculum

• Vegetable growth: how to grow your own food
  – Scientific method, biochemistry, reproduction

• Heirlooms, hybrids, GMOs: impact on food production
  – Genetics, classification

• Healthy choice recipe bank: how to adopt healthy diet
  – Nutrition presentation at food pantry

• Composting and community gardening
  – Ecology and global impact
Service Learning: BIOL101 pilot

**CHALLENGE:**

*How can we improve community impact?*

Need more space to donate to food pantry

– Terrace Garden
– Greenhouse
– Community Garden

*Design a sustainable method of producing nutritious food: the Ivy Tech Service Learning Community Garden Project*
Service Learning:
Terrace Garden and “Farmers Market”

*Supported by Student Life and Circle of Ivy grants*
Collective Impact: Getting Started

- Identify potential cross-sector partners
- Small group meetings to discuss goals
- Convene small groups together to share ideas and assess potential for collective impact
- Identify common agenda
- Create asset map
- Build infrastructure
- Funding mechanisms

~ Think BIG, start small ~
Collective Impact: Tool Kit

WHO do we want at the table and WHY?

HOW can we connect? HOW do we fill the gaps?

Tamarack Institute, 2016
http://www.tamarackcommunity.ca
Garden SEI Community Gardens: Come Grow with Us!

**Community Benefits**
- Improve Food Insecurities
- Improve Community Engagement
- Improve Physical Wellness
- Provide Opportunities for Disabled
- Improve Ecological Awareness
- Improve City Beautification
- Improve Social Insecurities
- Improve STEM Education
- Improve Emotional Wellness
- Improve Nutrition Awareness
- Improve City Beautification

**Community Partners**
- Ivy Tech Service Learning Program
- City of Lawrenceburg
- Lawrenceburg K12 schools Mission Nutrition
- Lawrenceburg Public Library
- Beecher Presbyterian Church
- New Horizons
- McCabe’s Greenhouse
- Food CoOp
- Clearinghouse Food Pantry
- Friendly Bean Cafe

**Volunteer Support**
- PTK
- United Way
- RSVP

**Research Support**
- “Benefits of Community Gardening” Stephanie Brown – ISU

**Gardening Support**
- Purdue Extension
- McCabe’s Greenhouse
- Civic Garden Center

**Financial Support**
- Historic Hoosier Hills Chamber of Commerce
- Oxbow, Inc.

~ Needs Assessment ~
MISSION: to provide an inclusive environment for all members of the community to work together toward improving food and social insecurities, physical and emotional wellness, and nutritional and ecological awareness.

- **Common Agenda**: Keeps all parties moving towards the same goal.
- **Common Progress Measures**: Measures that get to the TRUE outcome.
- **Mutually Reinforcing Activities**: Each expertise is leveraged as part of the overall.
- **Communications**: This allows a culture of collaboration.
- **Backbone Organization**: Takes on the role of managing collaboration.

Collective Impact: Driving Community Outcomes

Fowler and Maynard, 2017
Greater Cincinnati STEM Collaborative

DIVERSITY is key!
Collective Impact: Cross-Sector Partners

CHALLENGE:  
*Fill the gaps!

- *Government
- *Public
- Business
- Community Organizations
- Funding Organizations
- Education

Get mayor on board
Community events
Collective Impact: Driving Community Outcomes

Fowler and Maynard, 2017
Greater Cincinnati STEM Collaborative

MOBILIZE the community!

Community events
Collective Impact: FIVE Pillars

Communication
- CGAT meetings
- Google Drive
- Facebook
- Website
- Flyers
- Local media
  - Radio
  - Newspaper
  - Main St.

http://www.collaborationforimpact.com/collective-impact/
Implementing Collective Impact: Timeline

- Meeting with Mayor
- Meeting with Gardens Alive
- Master Gardeners Meeting
- Meeting with PTK
- Action Team 2nd Convening
- Farm to Table Lunch and Learn proposal
- Action Team 3rd Convening

- October 18th
  2016
- October 21st
  2016
- October 26th
  2016
- November 14th
  2016
- November 28th
  2016
- December 8th
  2016
- January 13th
  2017
Implementing Collective Impact: Timeline

Meeting with Chamber of Commerce
Submit DCF Proposal
Break Ground: Beecher church site
Action Team 4th Convening
Social Innovation Summit
Action Team 5th Convening
Farm to Table Lunch & Learn
Action Team 6th Convening

- February 16th 2017
- February 22nd 2017
- March 2nd-4th 2017
- March 7th 2017
- March 8th 2017
- April 18th 2017
- April 22nd 2017

IVY TECH COMMUNITY COLLEGE
Implementing Collective Impact: Timeline

- **Planting Party**
  - Batesville FGA
  - Action Team 7th Convening
  - May 24th, May 25th, June 3rd 2017

- **Trinity Headstart Garden**
  - Action Team 8th Convening
  - June 27th, June 28th 2017

- **Party in the Garden**
  - DCF Meeting
  - July 6th 2017

- **Tomato Festival**
  - Kids’ Fest
  - July 19th, July 22nd 2017
  - DCF Grant
  - August 1st 2017
  - Action Team 9th Convening
  - August 10th 2017
  - ICC Grant
  - August 15th 2017

- **Oxbow Grant**
Implementing Collective Impact: Timeline

- PTK Fundraiser: September 2017
- Harvest Party: September 8th, 2017
- Action Team 10th Convening: September 2017
- Action Team 11th Convening: October 2017
- Action Team 12th Convening: November 2017
- NSF Grant: November 6th, 2017
- Anniversary Celebration: October 2017
- Farmers' Market Saturdays: Saturdays
Sabbatical: Ivy Tech Service Learning Community Garden Project

• Professional Development
  – CGC Community Garden Development Training
  – Service Learning Training

• Community Involvement
  – Develop SEI Community Gardens

• Student Engagement
  – BIOL101 Service Learning Curriculum
  – Farm to Fork Lunch & Learn Student Life Club

• Funding
Sabbatical: Process

- Submit Proposal to Dean and Vice Chancellor
- Submit Proposal to Systems Office (December 2016)
- Statewide Committee Review
- Phone Interview and Feedback (January 2017)
  - Rewrite and resubmit (February 2017)
  - Detailed timeline of activities
- Sabbatical Term (Summer 2017)
- Sabbatical Report (October 2017)
- Sabbatical Presentation (April 2018)

Challenge: Measure Community Impact
Professional Development: Community Garden Development Training

- Cincinnati Civic Garden Center
- 12 week course
- 10 service hours
- Community Garden Network  
  – Over 50 gardens
- Seeds!

http://www.civicgardencenter.org/classes-events/development-training/
Professional Development: Campus Compact Conferences

- Indiana Campus Compact
  - Service Learning Institute
- Outcomes
  - Project-driven, student-driven design
  - Direct and indirect methods
  - DEAL method of reflection
  - Civic Minded Graduate Rubric assessment
  - Measure community impact
- Research Academy this year

Connecting Campuses with Communities (2018)
May 7 11:00 am - May 11 5:00 pm
IUPUI, 875 W. North Street
Indianapolis, IN 46202

CMG RUBRIC 2.0: Hahn, Norris and Weiss (2017).
Midwest Campus Compact

– Indiana, Illinois, Iowa, Ohio, Wisconsin, Michigan, Minnesota
– Doing Democracy: Asset-based Culture Change and Community Engagement

Outcomes

– Consider asset-based collective impact methods
– Consider service learning assessment methods
– Consider implication of social change

Professional Development: Campus Compact Conferences

Midwest Campus Compact Conference – Doing Democracy
June 6-7, 2017 at Loyola University in Chicago, IL
Sabbatical: Ivy Tech Service Learning Community Garden Project

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• Funding
Community Events: Farm to Fork Lunch and Learn

Brought to you by...

IVY LIFE!

IVY TECH STUDENT LIFE

Health & Wellness

IVY TECH COMMUNITY COLLEGE

Outcomes

• 42 attend
• Interest in healthier eating
• Interest in gardening
• Interest in Farm to Fork club

Free Event!

Farm to Fork

To promote nutrition awareness for Ivy Tech students and the community, Ivy Tech Student Life Health and Wellness is hosting a Farm to Fork Lunch and Learn public event at Ivy Tech Community College Lawrenceburg.

• Eating Healthy on a Budget
  Presenters: Michelle Bunte, Manager, Clearinghouse Food Pantry
  Marcus Parcell, Purdue Extension Health Sciences Educator
  Special guest: Coupon Guru Cathy Lonsway

• Making Healthy Eating Fun for Kids
  Presenter: Colleen Perfect, Mission Nutrition leader
  Lawrenceburg High School science teacher

• Garden with a Purpose
  Presenters: Brandy Bittner, Director, New Horizons Community Svcs.
  Stephanie Brown, Cincinnati Children's Hospital nurse,
  Indiana State University nursing adjunct faculty.
  Doctoral student researching community garden benefits,
  Former Ivy Tech nursing faculty

A nutritious and delicious lunch,
catered by New Horizons Friendly Bean Café,
will follow the presentations.

Saturday, April 8
10 a.m. to noon
Riverfront Campus

Shyra Tedesco, Ivy Tech
Life Science faculty, will introduce the Community Garden Project and discuss the possibility of developing a Farm to Fork Lunch and Learn club for Ivy Tech's Student Life organizations.

The Community Garden logo contest winner will be announced.

Tours of Community Garden sites will be available after the event.

Shyra Tedesco, PhD
Associate Professor, Chairperson
Life & Physical Sciences
812-537-4010 x 5298
stedesco@ivytech.edu
Community Events:
Logo contest

~Thanks to ALL participants!!!
Community Events: Groundbreaking

Outcomes

- Land and water donated by city
- Flyer with description, donation info
- Sign-in sheet with interest
- Free will donation jar
- Food and seeds
- 40 attend
Community Events: Planting Party

Outcomes
• 50 attendees
• 19 plots – garden agreement

Planting Party!
Please join us for food, fun, and planting in the sun!

WHEN: Saturday, June 3rd, 9am - noon
WHERE: Short and Williams, Lawrenceburg
( Beecher church available in the event of rain )

Plant “sale” fundraiser
• Plants available for free will donation
• All donations go to SEI Community Gardens
• Tomatoes, blackberries & more!

FOOD
• Light breakfast provided

FUN!
• Flower pot and garden stone painting

For more information contact
seicommunitygardens@gmail.com
Community Events: Party in the Garden

Outcomes

• 75 attendees! – new time
• Healthy recipe potluck
• Master Gardener tips
• Food donated (JTM)

Please join us for food and fun!

WHEN: Thursday, July 6th 5pm - 7pm
WHERE: Short and Williams, Lawrenceburg
( Beecher church available in the event of rain )

Cookout and pitch-in
• Grilled items available for free will donation
• All donations go to SEI Community Gardens
• Bring your favorite side dish and share recipes
• Drinks provided (tea, lemonade, water)
• Bring a chair, stick around for Music on the River

Slushies and Homemade Ice Cream

Gardening Tips from Master Gardeners

Games for the Kids

For more information contact seicommunitygardens@gmail.com
Community Events: Kids Day

Outcomes

• Over 100 kids!
• Grow their own “salad” from seed
Community Events: Tomato Festival

Tomato Festival
Please join us for everything TOMATO!

WHEN: Thursday, August 10th 5pm - 7pm
WHERE: Beecher church and garden site
Short and Williams, Lawrenceburg

- Tomato tasting
- Demos on canning and freezing
- Recipes for sauces and salsas
- Bring your favorite tomato dish and share recipes
- Activities for kids
- Bring a chair, stick around for Music on the River

Light meal provided by Subway

For more information contact
seicommunitygardens@gmail.com

Outcomes
- 50 attend
- Tomato tasting and recipes
- Mrs. Wages donated canning supplies
- Dearborn County Rocks
Community Events: PTK Fundraiser

Outcomes

• 10 attendees
• Silent auction baskets
• $500
Community Events: Anniversary Celebration

Anniversary Celebration

Please join us to celebrate our first season and prepare for the next!

WHEN: Sunday, October 22nd, Noon - 4pm (Rain date ~ Sunday, October 29th)
WHERE: Beecher garden site
Short and Williams, Lawrenceburg

Volunteer Day
• Building shed, bed frames, compost bins
• Prepping beds
• Planting cover crops & perennials
• Harvest!

Kids' Activities
Food Provided

Outcomes
• 40 attend
• 20 volunteers x 4 hours = $1920
• Lowe’s Heroes Community Project
• Dearborn County Foundation Grant ($3800)

For more information contact seicommunitygardens@gmail.com
Community Events: Farmers Market

- Produce – free will donation
- Garden info and signup

**CHALLENGE:** Compost Drop
Collective Impact: FIVE Pillars

Quantitative Measures

• Pounds produce
• # plots
• # gardeners
• # events
• # volunteers
• # organizations
• $ donations

CHALLENGE: Qualitative measures

http://www.collaborationforimpact.com/collective-impact/
Community Impact: Quantitative Measures

- 300 pounds of fresh produce
- 74 team members; 30 community organizations
- 30 volunteers
- 10 community events; 40 – 100 attendees each
- 3 garden sites
- $7000 community funding
- $700 free will donation
- 25+ event donors

~ COUNT everything! ~
Community Impact: Quantitative Measures

Beecher site

- 19 plots
  - 7 gardeners
- 40 plots
- Greenhouse
Community Impact: Quantitative Measures

Ivy Tech Volunteers

15 Volunteers → 55 volunteers
Community Impact: Qualitative Measures

Future Gardeners

• Skilled junebug squishers
• Masters of watering gardens (and humans)
• Connoisseurs of Kale (better with ranch)

~ Tell a Story! ~
Sabbatical: Ivy Tech Service Learning Community Garden Project

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  – BIOL101 Service Learning Curriculum
  – Farm to Fork Lunch & Learn Student Life Club

• Funding
Service Learning: Innovations

We want your WASTE!
- Fruit & veggie scraps
- Coffee grounds, tea bags
- Egg shells, bread
- Shredded paper
- Yard clippings, leaves

How it Works
- WE deliver empty compost bins
- YOU put compostable items in bins
- WE pick up your full compost bins and replace with clean, empty bins

IT’S THAT EASY!
Service Learning: Innovations

Compost Trail
- Researched benefits of composting and composting materials
- Surveyed local restaurants – 10/10 joined
- Project based
- BOTH direct and indirect (behind the scenes)
- Funded by Student Life
- DEAL Reflection piece
Service Learning Teams

- Reflect structure of CGAT
- Project based
- BOTH direct and indirect (behind the scenes)
- Cross-pollination
- Open to all SLP courses

IVY TECH COMMUNITY COLLEGE
Service Learning: Innovations

Service Learning Teams

- Garden
- Compost
- Farm to Fork
- Food Management
- Education
- Events
- Funding
- Social Media

https://seicommunitygarden.wixsite.com/ivyservice
Developmental Impact: Garden Curriculum – Student Engagement

- BIOL101
- Modifying for K12 – Tower gardens in 3 schools
- Spring Break Lunch & Learn Program
- Summer Farmers Market Series
- Greater Cincinnati Foundation Summer Kids Program
Student Engagement: Farm to Fork Lunch & Learn Club

- Healthy eating on a budget
- Fun healthy eating for kids
- Healthy eating on the go
- Eating healthy for energy
- Benefits of fermented foods
- How to grow a salsa garden
- Composting 101
- Healthy choice potluck and recipe swap

CHALLENGE: Student turnover
Sabbatical: Ivy Tech Service Learning Community Garden Project

• Professional Development
  – CGC Community Garden Development Training
  – Service Learning Training

• Community Involvement
  – Develop SEI Community Gardens

• Student Engagement
  – BIOL101 Service Learning Curriculum
  – Farm to Fork Lunch & Learn Student Life Club

• Funding
Funding - Sustainability

- Free Will Donation
- Ivy Tech Student Life Grants
- Dearborn County Foundation
- Oxbow
- Indiana Campus Compact Service Learning
- Greater Cincinnati Foundation Summer Kids Program
- NSF Advanced Informal STEM Learning (AISL)
- Purdue Extension Conservation and Communities

“Don’t put all your eggs in one basket”
Community Impact: Moving Forward

Library site

- Focus on AgrAbility
- Handicap Accessible
- Partner with New Horizons Friendly Bean Café
- Summer Garden Classes
Community Impact: Moving Forward

School site

- ACDC project
- Mission Nutrition
- Teaching garden
- Farm to cafeteria
- Summer lunch program
Community Impact: Moving Forward

Greendale site

Ludlow Street

Frontage

Hayman Street

Hayman Street

Anderson

Schneider

Taylor

Libbert

Blackberries - Common

Blackberries - Common

Storage Shed

Storage Shed

Compost Bins

Compost Bins

Anderson

Fleming

McCreary

Common*

Corbett

Castillo

Common*

Louks

Kroger

Seniors

Seniors

Seniors

Seniors

~ Beds for senior citizen housing ~

* Extra produce from common beds will be donated
Developmental Impact: Garden Curriculum for Kids

- Sowing Seeds
- Flower Power
- Birds and Bees and Butterflies, Oh My!
- Fun with Fruits and Veggies
- The Magnificent Monarch
Community Event:
Spring Break Lunch & Learn

Spring Break Lunch & Learn

Please join us for lunch!
~learn about gardening and healthy eating~

WHEN: Weekdays, March 21-30
11:30am - 12:30pm

WHERE: Beecher Presbyterian church
229 Short St., Lawrenceburg, IN

For more information contact Bob Northcutt at:
beecherpcusa@gmail.com OR (804)-338-1261

* lunch provided at no cost

IVY TECH COMMUNITY COLLEGE
Community Impact: Spring Break Lunch & Learn

- 50 Meals served (all food donated)
- 16 Ivy Tech student, 3 staff volunteers
- 5 Community volunteers
  - Beecher church
  - Safe Passage
  - Lawrenceburg High School
- 108 service hours x $24 = $2592

CHALLENGE: Transportation
Community Events: Earth Day

Volunteers
- Ivy Tech service learning students
- Lawrenceburg High School students
- South Dearborn Middle School NHS students
- Retired Seniors Volunteer Program
- New Horizons

Earth Day Celebration
Please join us to celebrate Earth Day by preparing the gardens for the new season!

WHEN: Sunday, April 22nd, 12:30 - 5pm
(Rain date ~ Sunday, April 29th)

WHERE: Beecher garden site
Short and Williams, Lawrenceburg

For more information contact
seicommunitygardens@gmail.com

* Registered with Dearborn County Foundation
SUMMARY

• Collective Impact
  – Excellent model for effective community engagement
  – Community “buy-in” is KEY!
  – Think BIG start small

• Service Learning
  – Excellent opportunity for CI Participatory Practice
  – Direct and indirect methods of assessment and participation

• Sabbatical
  – Write proposal early and get feedback
  – Identify specific goals and measures of success
Future Directions

- Food Management
- Garden Site development
- Research Workshop
- Greater Cinci Foundation Grant
- ICC Service Engagement Grant
- NSF AISL grant proposal
- Purdue Conservation
- Survey follow-up data

~ Clarify participatory practice design ~

*Research Education Action*

Reach
Rigor
Relevance
Final Thought

SEI Community Gardens
Come Grow With Us

🎁 🍅 🍋 Just “Grow” With It! 🌼 🍎 🌾
ACKNOWLEDGEMENTS

Indiana Campus Compact
• Engaged Campus Grant

Local funding agencies
• Dearborn Co. Foundation
• Dearborn Co. Chamber
• Oxbow Conservancy

Ivy Tech
• Russ Baker
• Sabbatical Committee
• Mark Graver
• Matt Probst
• Rebecca Rahschulte
• Ron Nicholson
• Kelly Eckstein
• Student Life
• Circle of Ivy
THANK YOU!

Howard Excavating
REFERENCES

• CIVIC-MINDED GRADUATE RUBRIC 2.0: Process, Enhancements, and Next Steps. Hahn, Norris, & Weiss, IUPUI Office of Community Engagement, Winter 2017
• Tamarack Institute, 2016. http://www.tamarackcommunity.ca
Collective Impact: Getting Started

- Identify potential cross-sector partners with shared interest
- Hold small group meetings to discuss shared and distinguishing goals
- Bring small groups together to share ideas and assess potential for collective impact
- Create asset map
- Build infrastructure

Think BIG, start small
Collective Impact: Tool Kit

WHO do we want at the table and WHY?

HOW can we connect? HOW do we fill the gaps?
Collective Impact: Cross-Sector Partners

- Government
- Business
- Community Organizations
- Public
- Funding Organizations
- Education
Collective Impact: Cross-Sector Partners

- Government
- Public
- Funding Orgs
- Education
- Community Orgs
- Business