

# NOT AS HARD AS YOU THINK: SCALING WORK-BASED LEARNING

Charlotte Cahill
Jobs for the Future | Pathways to Prosperity Network
January 26, 2016

#### **CONTINUUM OF EMPLOYER ENGAGEMENT**



# Least Intensive Engagement

- Guest speaker
- Company tours or field trips
- Job shadows
- Mock

# Moderately Intensive Engagement

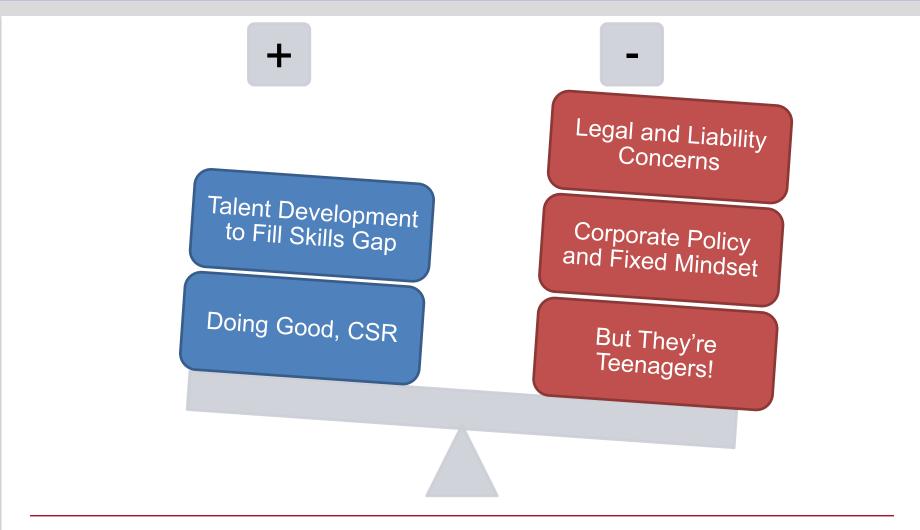
- Service learning
- Class projects or challenges
- Mentorships
- Curriculum advising

### Most Intensive Engagement

- Teacher externships
- Student internships
- Student assessments
- Convening/champio ning

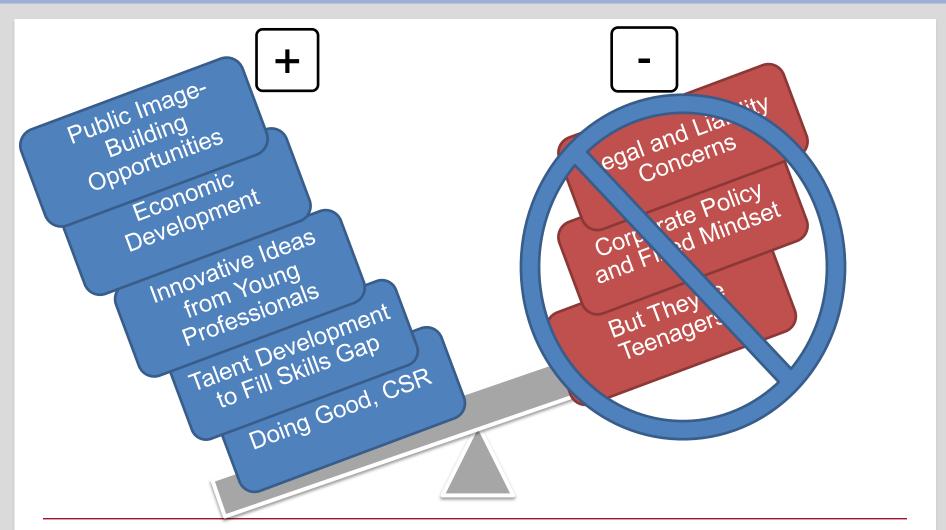
#### **EMPLOYER PERSPECTIVES ON WBL**





#### **WE WANT TO HELP TIP THE SCALES**





#### **FAQ: WORKING WITH YOUNG PEOPLE**



Are high school students mature enough to be in professional environments? What type of support and training do I need to provide them as an employer?

How do I recruit or identify and support staff to supervise high school students?

I require drug tests or TB tests of all my adult employees. Can or should I require the same of high school employees?

#### **WORKING WITH YOUNG PEOPLE**



- > Treat young people like other employees—respect is key.
- > Use training and orientation sessions—which may be led by employers, schools, or intermediaries—to set expectations.
- > Create an environment in which young people feel comfortable asking questions and seeking help.
- > Start slow and scale up when recruiting staff.
- Take advantage of available resources online and in the community.

#### **FAQ: LEGAL ISSUES**



What hours can high school students work?

Don't laws restricting child labor prevent high school students from working in many industries?

Does OSHA have special regulations on workplace safety for young people?

- Most federal laws and policies governing workplace health and safety, including OSHA guidelines, are the same for minors and adults.
- The Fair Labor Standards Act (FLSA) places some restrictions, especially in 17 "hazardous occupations," on workers under 18.
- > FLSA limits work hours for youth 15 and younger, but not for 16- and 17-year-olds.

#### **FAQ: LIABILITY AND CONFIDENTIALITY**



Am I liable if a student gets hurt on the job?

My business works with a lot of confidential and sensitive information. Can high school students really work with that type of data?

What if our corporate insurance policy prohibits students under 18 in our workplace?

- > Employers can—and should—ask students to sign confidentiality agreements where applicable.
- > HIPAA guidelines are not affected by the age of the worker.
- Liability for paid student interns is generally the same as for other employees, and interns are often covered under existing workers' compensation policies.
- Some employers have worked directly with insurance companies to achieve policy changes.
- Students and parents can sign liability waivers and holdharmless agreements.
- > Third parties—such as intermediaries and schools—can take on liability and payroll responsibilities.

# NEEDED SUPPORTS FROM WBL INTERMEDIARIES AND SCHOOLS



- > Developing job descriptions
- > Recruiting and preparing students for placement
- > Teaching students work readiness skills
- > Structuring workplace activities
- > Training mentors and supervisors
- Assisting employers with logistical issues such as health screenings, liability, and payroll

#### IT TAKES A REGION: CARROLL COUNTY, GA

















#### MORE RESOURCES ON OUR WEBSITE





# CHARLOTTE CAHILL

ccahill@jff.org



TEL 617.728.4446 FAX 617.728.4857 info@jff.org 88 Broad Street, 8<sup>th</sup> Floor, Boston, MA 02110 (HQ) 122 C Street, NW, Suite 650, Washington, DC 20001 505 14th Street, Suite 900, Oakland, CA 94612 WWW.JFF.ORG



# High School District 214 District Internship Program

Illinois 60 x 25 Network Conference January 26, 2016

Krista Paul, Assistant Director of Career and Technical Education

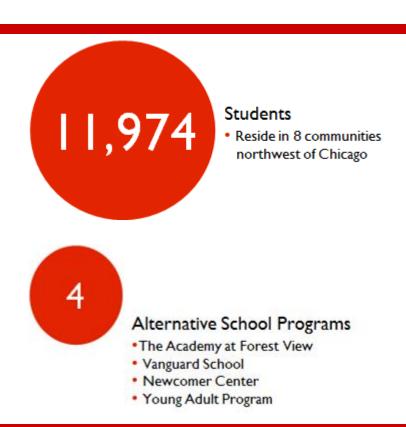
### District 214 Who We Are Schools/Students/Staff/Programs





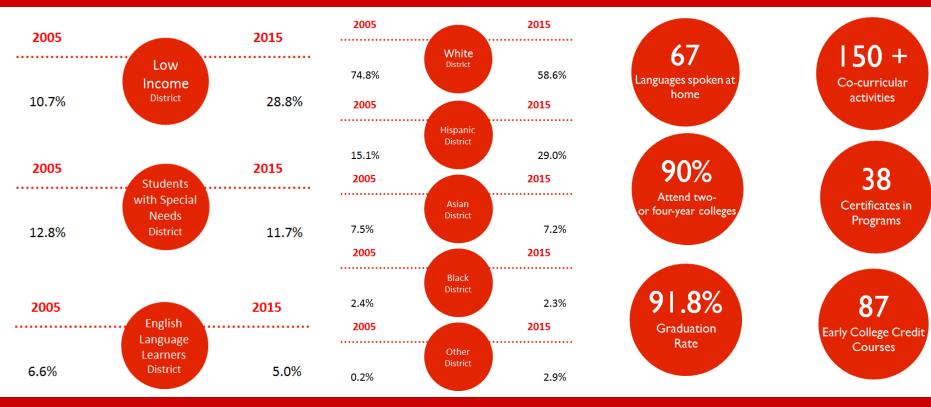
- Elk Grove High School
- · John Hersey High School
- Prospect High School
- Rolling Meadows High School
- Wheeling High School





# District 214 Who We Are Schools/Students/Staff/Programs







### District 214 Career Pathway Philosophy

#### **D214 Career Pathway Philosophy**

"The restructuring of academic programs along career pathways elevates the rigor and relevance of elective coursework to more closely align the goals of a core curriculum with the demands of a continually evolving technology driven economy."

Goal: Develop a curriculum that is relevant beyond high school so our students graduate with a Diploma +



### District 214 Career Pathway Developments

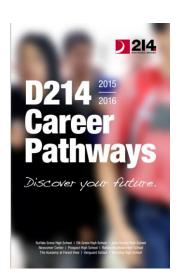
# Development and alignment of all District academic coursework to 16 Career Clusters across 43 programs of study.

#### **D214 Program of Study Required Components**

- 1. Sequence of coursework
- 2. Industry certificate or early college credit
- 3. External experience

#### **D214 Career Pathway Booklet**

http://goo.gl/bfm5FQ



### District 214 Career Pathway Developments



#### **D214 Program of Study Required Components**

#### 3. External Experience

<u>External Experiences</u> - **Extended** educational opportunities in which students engage in **authentic** and **relevant work** aligned with a career pathway. External experiences **include the involvement and support of industry partners** and provide students opportunities for career exploration and/or advanced career skill development (ie. Internship, Micro-internship)

<u>Career Related Activities</u> - Opportunities for student career exploration and/or career skill development which may include the involvement of industry partners. These opportunities are generally less formal and/or intensive than external experiences in the areas of career exploration and/or career skill development.(ie. Career Night, Focused Career Trek; In-Class Industry Speaker)



# District 214 Teaching and Learning

#### Center for Career Discovery

#### **Center for Career Discovery**

# Department within Teaching and Learning designed to link ALL students to industry supported career-related experiences

Assistant Director of Career and Technical Education

Career and Technical Education Programs Supervisor (1)

**External Career Advisors (3)** 

**Internal Career Advisors (3)** 

**ELL focused Career Advisor (1)** 

Vocational Programs Supervisor (1)

Job Placement Specialists/Job Coaches (12)

Disability Employment Initiative SPED IT focused Career Advisors (3)

Special Ed focused Career Advisor (1)

Vocational Evaluation Coordinator (1)





Provide students an opportunity to prepare for career success beyond high school through customized, authentic learning experiences. The unique formalized program integrates academic curriculum with supervised work experience in the local community which assists the student with post-secondary decision making.







#### **Student Benefits**

Increase learning and drive individual success through engagement in meaningful, realworld experiences

Observe and engage with professionals in their typical work setting

Explore interests, abilities, and values that align with a particular career area of interest

Gain awareness of the ethics and societal world issues that may affect the workplace

Connect, evaluate, and reflect on the experience with personal interest, abilities, and values, and integrate and apply knowledge through structured decision making about a career of interest

Understand the skills and contributions made to the organization's success

Develop and utilize networking skills to promote relationship building with industry partners

Enhance the experience section of resume and/or career portfolio

# District 214 Internship Program Types of Internships



- 16-week Internship
- Micro-internship







#### 16-Week

Open to Juniors and Seniors

Available to intern 5-10 hs/wk during the
Fall/Spring semester either during
school or after school/weekends; 15
hs/wk for 6-wk Summer semester

Credit bearing course
Moodle as our Learning Management
System

Assignments and participation monitored

and evaluated by instructor

#### Micro-internship

Open to Juniors and Seniors

Available to intern 5-10 hrs/wk for a 1-4

week period during the Fall, Spring, or

Summer Semester

Non-credit bearing career exploration

experience



#### Requirements and Process

#### **Before Applying**

Student has met with school counselor to discuss self-identified career goals

Has taken approved career pathway coursework

Must be able to intern 5-10 hs/wk during the Fall/Spring semester either during school or after school/weekends

Consider schedule and after school activities/commitments

School attendance and discipline records must reflect mature responsibility and behavior Internet access is necessary for ongoing communication and submitting online assignments

#### **Apply**

Complete student application, parent recommendation and consent forms, and obtain teacher recommendations

All paperwork must be received by the deadlines



#### Requirements and Process

#### **Screening**

A District Internship Program staff will screen the student and assess professional behavior, attendance records, and overall grades to deem if the student is eligible for an internship Every student will be looked at on an *individual* basis and the student will be able to clarify any part that is unclear during the interview process

#### Interview

Students will be contacted to set up an interview date and time

#### **Criteria Strongly Considered for Acceptance**

Past or current enrollment in Career Area Pathway Courses

Past or current enrollment in Related Electives

Career-Related Activities and/or Experiences

# Piscover your future.

#### **Student Expectations**

Establish a schedule with the site supervisor that is mutually agreed upon for the duration of the internship and desired hours

Collaborate with the site supervisor to develop learning objectives, including a balance of short and long term tasks/projects, which will then be measured at the end of the experience

Attend on the days/times agreed upon and arrive on time

Dress appropriately to their site - similar attire to what their site supervisor wears

Students should demonstrate an interest and professional demeanor at all times while at the site

Demonstrate safety conscientiousness at all times and wear any safety equipment or clothing that is deemed necessary by the site supervisor



#### **Business Partner Communication**



Follow-up communication

Initial site visit

Internship paperwork

Agreement Form

**Evaluation** 

Student/employer interview and orientation



# **Business Partner Expectations**



Communicate with the district a description of the internship

Establish a mutually agreed upon schedule with the intern

Provide the intern with an orientation during the first week of the experience to teach about the company and discuss the required job tasks, rules, regulations, policies, and procedures

Designate a mentor to oversee the internship and provide constructive feedback

Collaborate with the intern to develop learning objectives, including a balance of short and long term tasks/projects, which will then be measured at the end of the experience

Allow intern to partake in relevant job duties to help orientate to the career field and industry, keeping in mind the job responsibilities should not entail more than 25% clerical work

Supply intern with any supplies or equipment they will need to be successful Abide by the Department of Labor standards in regards to interns at all times Completion and submission of an initial agreement form and student evaluations

# 214 High school district Discover your future.

# District 214 Internship Program Business Partnerships





















#### Ongoing Efforts Toward Establishing Business Partnerships

Cold calls

Career Night, Career Day, In-Class speakers

Rotary, Chamber of Commerce

**Advisory Boards** 

**Parents** 

Alumni





#### **Business Partner Benefits**

Concerted efforts toward career skill training and career awareness to promote a seamless transition into society with a career interest in mind

Create positive press and enhance your organization's image in the community

Provide leadership opportunities for your employees through supervision and mentorship of an intern

Flexible, no cost work force support which does not require a long-term employer commitment

Gain insight, a fresh perspective, and an opportunity to recruit and evaluate potential employees



#### **Program Statistics**

Fall 2015

1450+ students participated in an internship/external experience (ie. Internships, Micro-internships, ProStart, Medical Academy, Education Academy

Spring 2016

With new semester starting this week and student schedules being finalized, data will be available in next few weeks

Of D214's partnerships with 750+ organizations, almost half have served as internship/external experience sites for students



# District 214 Internship Program Workflow

	August	September	October	November	December	January	February	March	April	May	June	July	
Student Applications Due				Spring					Summer	Fall			
Review Student Files/Screen Students				Spring					Summer	Fall			
Conduct Student Interviews				Spring					Summer	Fall			
Secure Placements	Fall	Fall			Spring	Spring			Summer	Summer/ Fall	Summer Fall		
Conduct Site Visits			Fall	Fall	Fall		Spring	Spring	Spring		Summer	Summer	
Supervisor & Student Evaluations			Fall Quarter 1			Fall Quarter 2		Spring Quarter 1		Spring Quarter 2	Summer	Summer	
Business Site Development													



#### Additional Information

#### Tracking System

Implementation of relational management system (CSO – <a href="www.csoresearch.com">www.csoresearch.com</a>) to support external experience experience tracking and management, as well as support growth of the model

#### Funding

Through the unification of philosophy and structure across once divided departments, we can best use siloed funding sources to support one unified goal - help students self-identify and prepare for their career focused, post-secondary goal

Traditional CTE Sources

**Local Property Tax** 

CTEI

Perkins Grant

**Special Funding Sources** 

Non-traditional CTE Sources

**IDEA** 

Department of Human Services - STEP Grant

**DCEO WIA Grant** 

Department of Labor Disability Employment Initiative





#### Future Implementation Plan

Expansion of external experiences through Center for Career Discovery 2016-2017 Goal – 3,000+ external experiences per year Increase staffing to support growth of model

Growth of business partnerships
Recognition/recruitment events
Continued development of Advisory Boards



## **Questions/Comments?**

Krista Paul - krista.paul@d214.org

## The 4 Ps of Internships

Joan Matz

January 26, 2016



## **Top Locations for IT Job Postings – Q3 2015**

#### **Top States for Core IT Job Postings**

1.	California
2.	New York
3.	Texas
4.	Virginia
5.	Illinois
6.	Florida
7.	New Jersey
8.	Georgia
9.	Massachusetts
10.	Ohio

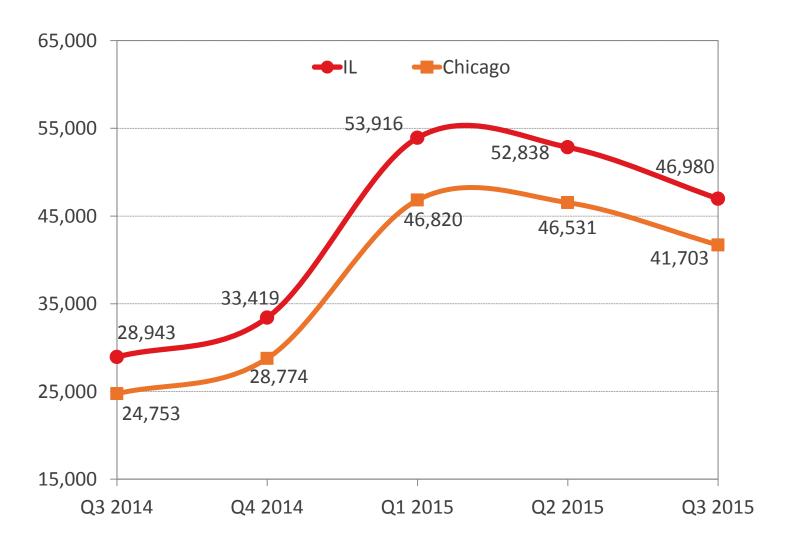
#### **Top MSAs\* for Core IT Job Postings**

1.	New York-Northern New Jersey
2.	Washington-Arlington-Alexandria
3.	San Francisco-Oakland-Fremont, CA
4.	Los Angeles-Long Beach-Santa Ana, CA
5.	Chicago-Joliet-Naperville, IL-IN-WI
6.	Dallas-Fort Worth-Arlington, TX
7.	San Jose-Sunnyvale-Santa Clara, CA
8.	Boston-Cambridge-Quincy, MA-NH
9.	Atlanta-Sandy Springs-Marietta, GA
10.	Seattle-Tacoma-Bellevue, WA

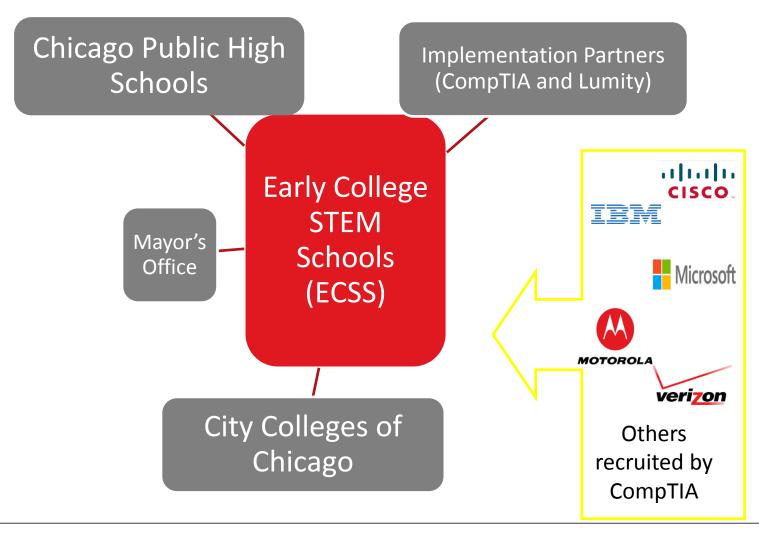
<sup>\*</sup>MSA = Metropolitan Statistical Area

1,001,573 total US IT job postings in Q3 2015.

## **Quarterly Number of IT Job Openings in IL & Chicago**



## Joining Together to Build A New Kind Of Education



## **Building an IT talent pipeline**

#### College Curriculum

Computer Science (AS)
Networking Technology (AAS)
IT Web Development (AAS/AS)

Work-Based
Learning (WBL)
Experiences from
Leading Industry
Employers

Industry Certifications



## **Work-Based Learning Continuum**

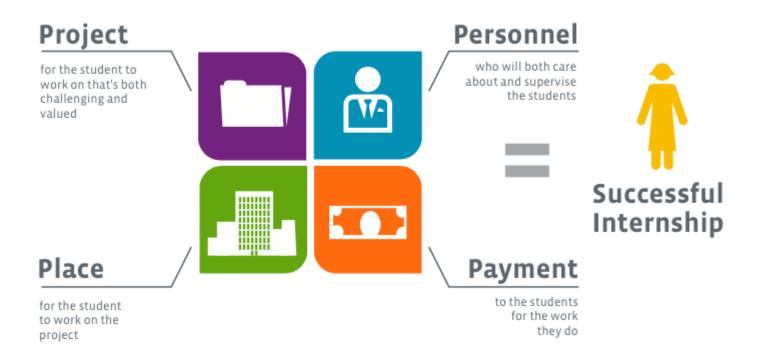


#### **Student Benefits:**

- Career Exploration
- Exposure
- Employer Values
- Skills Development
- Understanding the link between school and work
- Transition Preparation

All supported by an online career prep platform

## the 4Ps of internships.



#### MODEL 1: TRADITIONAL INTERNSHIP

In the traditional model, employers provide all 4Ps of the internship at their workplace.



Project

On-site project of value to the employer



Place

At the employer's place of business



Personnel

Intern Supervisor on-site



Payment

Preferably monetary payment to the intern

#### MODEL 2: SHARED MANAGED

Not all employers can facilitate an internship on-site. The shared managed model allows for part of the internship to be handled virtually in cooperation with the employer's remote offices.



## **Project**

On-site project

Virtual project



Place

At the employer's place of business



#### Personnel

Virtual connection: Project leader is at different location than the intern, but an internship manager is on-site with the intern



## Payment

Preferably monetary payment to the intern

#### **MODEL 3: PARTNER**

Some large corporations can't supervise an intern on location. But they can coordinate with their local channel partners to offer students internships.



## Project

Funded by a corporate sponsor but provided by the sponsor's partner; could be an on-site or virtual project



Place

Sponsor's partner location



Personnel

Managed by sponsor's partner



## Payment

Provided by either the sponsor or partner

### **MODEL 4: CONSULTANT**

Smaller businesses often are too small to have enough room or workload for an intern, but they can aggregate their projects with other small businesses through a school/district or other organization like a Chamber of Commerce.



Project

Provided by a client, school/district or other organization



Place

School/district or other organization



Personnel

Managed by school/district or other organization



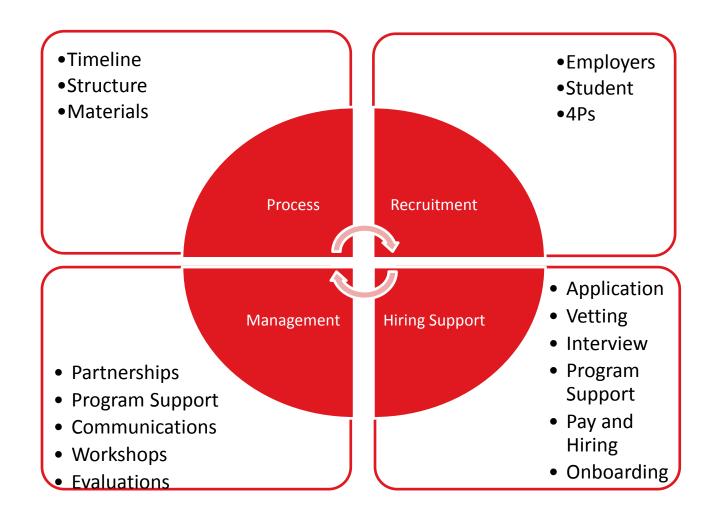
Payment

Paid by the school with potential contributions from clients

## It Takes a Village!!

https://www.youtube.com/watch?v=FxmlhjPFDqY&feature=youtu.be

#### **Components: Internship Package**



#### **Timeline**



#### **Structure**

- Digital application process
- Functional website for downloading information
- Google drive folder management
- Partnership parameters
- Funding sources

#### **Materials**

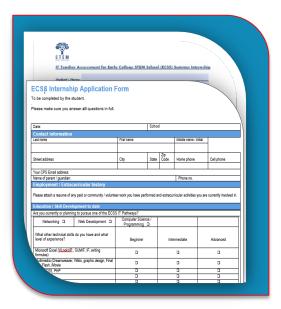
#### **Marketing**

- Overview
- Involvement Opportunities
- Partnership card



#### **Student Application**

- Application Form
- Skills Assessment
- Parent Consent Forms



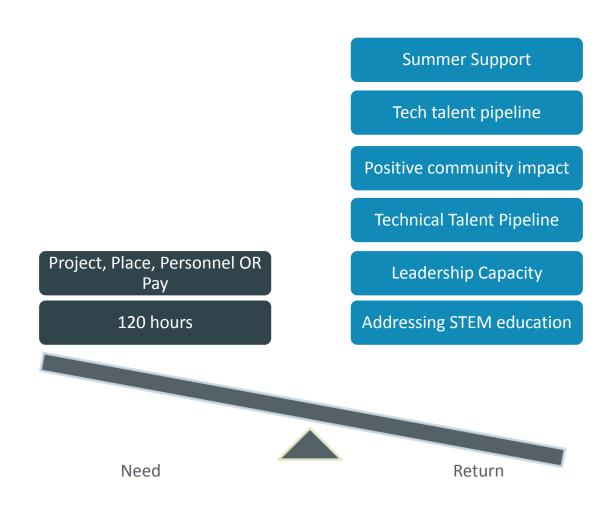
#### **Employer Recruitment**

- Internship flyer
- FAQ
- Employer Guide
- Interview Packet



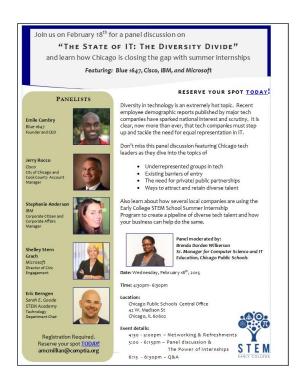
#### **Employer Recruitment**

- Partnership landscape
- Identify capacity
- Target partners
- Strategic partnerships
- The pitch
- Programming



#### Panel Discussion: "The State of IT: The Diversity Divide"

- Awareness
- Recognition
- Recruitment
- Excitement





### **Hiring Support**

- Informational Session
- Application Process
- Vetting
- Interview Matching



- Job Offer
- Hiring and payroll
- Orientation

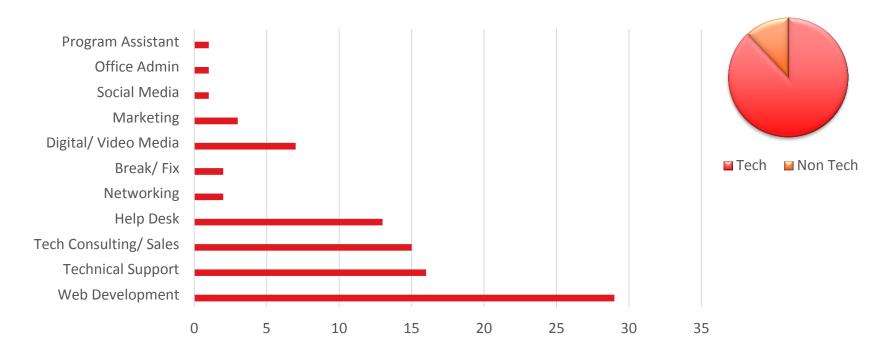


## **Program Management**

- Ongoing Support
  - Workshops
  - Program manager/Coordinator status reports
- Project Updates/timeline changes
- Evaluations

- Immediate Needs
  - Pay/hiring
  - Supplies/needs
  - Concerns

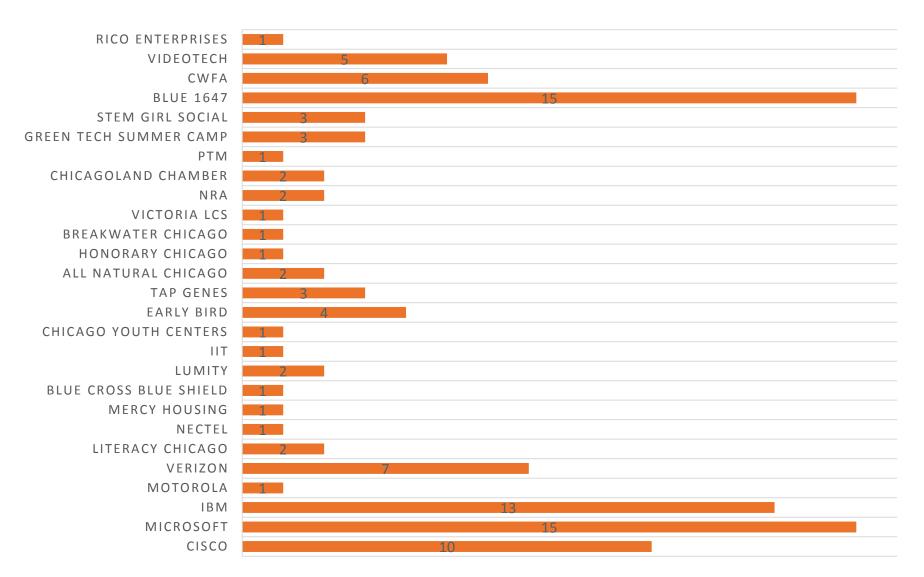
#### **Work Activities**



- 85% of internships were tech-based
- The interns primarily worked in Web
   Development (29) Technical Support (16)
   and Technical Consulting (15) positions.

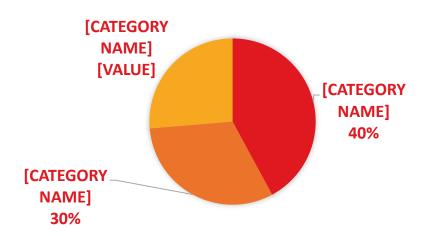


### **Internship Providers**



## **Partnerships**

- 33 organizations
- 6 Pay
- 4 Place
- 4 Strategic partners



#### **Organization Profile**

- The majority of internship providers were small businesses with 10 employees or less
- 2 membership organizations



#### Results

#### **Providers**

- 85% Providers had an excellent or good experience
- 90% likely to recommend participation to a colleague
- 85% satisfied with student skills
- 70% likely employ the intern again

#### **Students**

- 83% of students had an positive experience
- 90% of student are likely to recommend
- 80% of students intend to participate again
- 73% of students felt their internship will help future employment opportunities.







## **Questions??**

#### Forms/guides are available on:

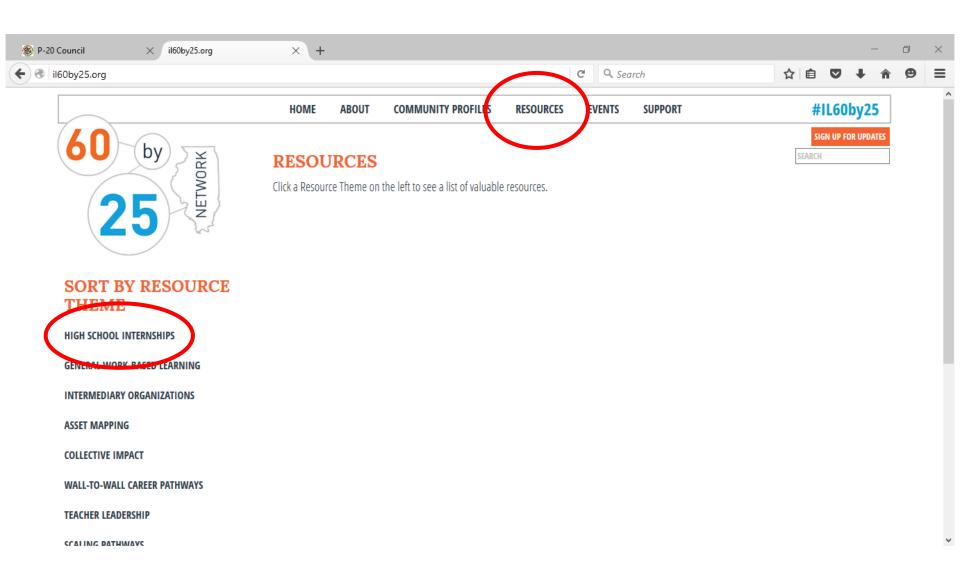
#### www.illinoistechlex.org

- RESOURCES tab
  - High School Work-Based Learning Materials

Contact: Joan Matz

jmatz@comptia.org

630.678.8445



#### Resources for Developing High-Quality HS Internships

Creating a high school internship program can be an intimidating process. The Illinois 60 by 25 network has collected a set of resources to help schools and employers understand the elements of successful programs, as well as provide examples of job descriptions that may be useful in establishing internships or work-based learning opportunities for youth.

#### General Resources

The resources included on this page include reports outlining basic structural elements of high school internship programs, as well as challenges and myths surrounding such initiatives.

#### **Job Descriptions**

Attached to this page are also sample job descriptions to give schools and employers an idea of what to expect from high school interns.

#### Downloadable Files

#### Conexus Interns Framework (Manufacturing)

The Conexus Interns Program is an advanced manufacturing and logistics (AML) high school internship program in Indiana that is fully compliant with state and federal insurance and labor laws. This program uses an industry-driven framework with the goal of converting current advanced manufacturing and logistics students to employees or post-secondary students in the AML field.

#### Early College STEM Schools Employer Guide

This document provides an overview of ECSS internship programs and requirements, as well as job descriptions and useful internship evaluation forms.

#### Employer Guide to Structuring a Successful Internship Program

This report from BRIDGE Rhode Island outlines several elements of successful high school internship programs, including learning goals, how to effectively structure the program, consideration of benefits structures, sample evaluation forms, and sample job descriptions.

#### Not As Hard As You Think: Engaging High School Students in Work-Based Learning.

A report by Jobs For the Future (JFF) outlining the value high school work based learning activities, as well as clarifying myths around challenges therein.

#### Sample Internship Descriptions (Health Science)

These sample job descriptions include a variety of health science internships high school interns could complete, from pathology to nursing.

#### Sample Internship Descriptions (Information Technology)

These sample job descriptions include a variety of roles high school interns can play in an IT department, from help desk support to data and quality assurance.

#### Sample Internship Descriptions (Manufacturing)

These sample job descriptions include a variety of roles high school interns can play in a manufacturing company, from quality assurance to production support.

#### Related Resources

#### District 214 High School Internship Program Resources

This IOER resource page contains the resources and forms developed by District 214 for their successful high school internship program.

#### IT Learning Exchange Work-Based Learning Resources

This IOER resource site contains resources for employer engagement and structuring work based learning opportunities that have been developed by the IT Learning Exchange as part of the Illinois Pathways STEM Learning Exchanges.