P20 WIN
Linking information for better lives in Connecticut
Vision

P20 WIN will inform sound educational policies and effective program practices through secure sharing of critical longitudinal data across state agencies to ensure that individuals successfully navigate educational pathways into the workforce.
The Foundation

- P20 WIN is Connecticut’s mechanism for linking data across education and workforce agencies
  - Policy & program & improvement
  - Legislative data requests
  - State & federal reporting
  - Workforce development

- P20 WIN is Connecticut’s cross-agency data sharing network.
Structure

Board of Regents for Higher Education (CSCU)

State Department of Education (K-12)

Connecticut Independent Colleges & Universities (CCIC)

University of Connecticut (UCONN)

Department of Labor (wage & employment data)

Examples of potential additional agencies:
- Early Childhood Office
- Dept. of Corrections
- Dept. of Social Services
- Bureau of Rehabilitative Services
Data Security & Privacy

- Procedures satisfy state and federal law including the Family Education Rights and Privacy Act (FERPA).
- No centralized repository of linked data.
- Data are used only for approved data requests.
- No identifying information in data set for analysis.
- Names, birth dates and SSN’s are NOT available to the analyst.
- Only designated Authorized Representatives can conduct analysis.
- All data must be aggregated before made public.
- All data are destroyed when evaluation is complete.
Components

• Included:
  • **Data Governance Policy**: Structure for collaborative decision making and operational management
  • **Data Matching**: Probabilistic & deterministic matching Process
  • **Data Sharing Agreements**: Suite of data sharing agreements with templates to increase efficiency
  • **Protocol to Expand**: Process for engaging new participants
  • **Data Dictionary**: Each agencies elements
  • **Data Governance Manual**: Includes everything
  • **Cost Sharing Policy**: Sets parameters for how costs will be shared by agencies and the state

• Not Included:
  • Centralized data warehouse
Data Governance Framework

Chief Executives
- Champion System
- Set strategic direction for system
- Sustains

Agency Policy Leaders
- Develop policy & procedures
- Dedicate resources
- Approves or denies data requests

Agency IT & IR Leadership
- Implement system and policies
- Identify issues for escalation

P20 WIN Executive Board

P20 WIN Data Governing Board

P20 WIN Data Steward Committee

State Department of Education (SDE)
University of CT (UCONN)
Board of Regents for Higher Education (BOR)
Connecticut Conf. of Independent Colleges (CCIC)
Department of Labor (DOL)
Why P20 WIN matters

✅ **Identify what works** so we can put resources in the right places to:
  - Find efficiencies & be cost effective
  - Improve quality of education & student outcomes

✅ **We must answer critical questions** to build a map for improving education in Connecticut
  - PK-12
  - Postsecondary
  - Workforce training
What could P20 WIN address?

- To what degree are required HS courses bolstering college and career readiness?
- Do Early College programs make a difference in college persistence rates?
- Which teacher training programs need to be strengthened and how?
- Have programs designed to serve local workforce needs resulted in employment for program completers?
- To what degree are liberal arts graduates able to find employment in our region?
Boundaries

P20 WIN is for:

- Auditing or evaluating publically funded education programs
- To inform policy with cross-agency impact

P20 WIN is not for:

- Evaluating one program
- Looking at one sector (e.g. only K-12 or only workforce)
Current Work - *Example 1*

• **Employment & Wage Outcomes for CSCU** – *online now*
  • For CSCU graduates from 2009-10 through 2012-13
  • By institution (e.g. Naugatuck Valley Community College)
  • By education program / CIP code (e.g. Horticultural Science)
  • Prior to and after graduation at different points in time
    • Number of graduates employed
    • Quarterly wages earned
    • Change in quarterly wages earned

• **Employment & Wage Outcomes for CSCU & UCONN** – *underway*
  • For CSCU graduates from 2009-10 through 2013-14
  • For UCONN graduates from 2013-14
### Central Connecticut State University

**School Year 2010: 2009-2010**

<table>
<thead>
<tr>
<th>Program of Study</th>
<th>Grads</th>
<th>Pre-Quarter 1</th>
<th>Post-Quarter 1</th>
<th>Pre-Quarter 3</th>
<th>Post-Quarter 8</th>
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<tbody>
<tr>
<td></td>
<td></td>
<td>Emp</td>
<td>Avg Wage</td>
<td>Emp</td>
<td>Avg Wage</td>
</tr>
<tr>
<td>00: Total - All programs</td>
<td>2,466</td>
<td>1,746</td>
<td>$7,173</td>
<td>1,857</td>
<td>$7,850</td>
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<tr>
<td>09: Communication, Journalism, &amp; Rel Programs</td>
<td>88</td>
<td>57</td>
<td>$3,387</td>
<td>63</td>
<td>$4,827</td>
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<tr>
<td>090101: Speech Communication &amp; Rhetoric</td>
<td>88</td>
<td>57</td>
<td>$3,387</td>
<td>63</td>
<td>$4,827</td>
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<tr>
<td>11: Computer &amp; Information Sciences &amp; Support Svcs</td>
<td>29</td>
<td>21</td>
<td>$13,769</td>
<td>23</td>
<td>$11,762</td>
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<td>110101: Computer &amp; Information Sciences, General</td>
<td>29</td>
<td>21</td>
<td>$13,769</td>
<td>23</td>
<td>$11,762</td>
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<tr>
<td>13: Education</td>
<td>649</td>
<td>460</td>
<td>$10,565</td>
<td>490</td>
<td>$9,536</td>
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<td>130101: Education, General</td>
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<td>*</td>
<td>*</td>
<td>*</td>
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<tr>
<td>130401: Educational Leadership &amp; Admin, General</td>
<td>105</td>
<td>56</td>
<td>$17,448</td>
<td>56</td>
<td>$15,650</td>
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<tr>
<td>130411: Superintendancy &amp; Educational System Admin</td>
<td>33</td>
<td>32</td>
<td>$18,669</td>
<td>32</td>
<td>$18,189</td>
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<tr>
<td>130501: Educational/Instructional Technology</td>
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<td>22</td>
<td>$17,292</td>
<td>21</td>
<td>$14,743</td>
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<tr>
<td>130901: Social &amp; Philosophical Foundations of Education</td>
<td>15</td>
<td>14</td>
<td>$12,784</td>
<td>14</td>
<td>$13,278</td>
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<tr>
<td>131001: Special Education &amp; Teaching, General</td>
<td>64</td>
<td>60</td>
<td>$11,009</td>
<td>59</td>
<td>$9,355</td>
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</tbody>
</table>

### Naugatuck Valley CC

**School Year 2012: 2012-2013**

<table>
<thead>
<tr>
<th>Program of Study</th>
<th>Grads</th>
<th>Employed Q1 after</th>
<th>Employed Q3 after</th>
<th>Employed Q8 after</th>
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</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Pre</td>
<td>Post</td>
<td>Diff</td>
</tr>
<tr>
<td>00: Total - All programs</td>
<td>1,230</td>
<td>$6,260</td>
<td>$7,288</td>
<td>$1,038</td>
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<tr>
<td>01: Agriculture, Agric Operations, &amp; Rel Sciences</td>
<td>26</td>
<td>$10,012</td>
<td>$8,627</td>
<td>($1,385)</td>
</tr>
<tr>
<td>011103: Horticultural Science</td>
<td>26</td>
<td>$10,012</td>
<td>$8,627</td>
<td>($1,385)</td>
</tr>
<tr>
<td>09: Communication, Journalism, &amp; Rel Programs</td>
<td>24</td>
<td>$2,982</td>
<td>$4,340</td>
<td>$1,358</td>
</tr>
<tr>
<td>090702: Digital Communication &amp; Media/Multimedia</td>
<td>24</td>
<td>$2,982</td>
<td>$4,340</td>
<td>$1,358</td>
</tr>
<tr>
<td>11: Computer &amp; Information Sciences &amp; Support Svcs</td>
<td>18</td>
<td>$9,346</td>
<td>$7,904</td>
<td>($1,441)</td>
</tr>
<tr>
<td>110201: Computer Programming/Programmer, General</td>
<td>8</td>
<td>*</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>110901: Computer Systems Networking &amp; Telecomm</td>
<td>10</td>
<td>*</td>
<td>*</td>
<td>*</td>
</tr>
</tbody>
</table>
Current Work - *Example 2*

- Post secondary enrollment, remediation & credits attained by public high school graduates.
  - By high school district & individual high schools
  - Graduation Cohort of 2010 – *online now*
  - Graduation Cohort of 2011 - *underway*

### Enrollment, Credit-Earning, and Remediation
**By District: Graduating Cohort 2010**

<table>
<thead>
<tr>
<th>District Code</th>
<th>District</th>
<th>Enrolled Anywhere in 16 months</th>
<th>Enrolled in CC/CSU in 16 months</th>
<th>Earned 24 credits within Two years of Enrollment</th>
<th>Had Some Remediation</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>Ansonia School District</td>
<td>71%</td>
<td>44%</td>
<td>56%</td>
<td>55%</td>
</tr>
<tr>
<td>4</td>
<td>Avon School District</td>
<td>88%</td>
<td>18%</td>
<td>47%</td>
<td>25%</td>
</tr>
<tr>
<td>7</td>
<td>Berlin School District</td>
<td>82%</td>
<td>34%</td>
<td>66%</td>
<td>37%</td>
</tr>
<tr>
<td>9</td>
<td>Bethel School District</td>
<td>84%</td>
<td>42%</td>
<td>69%</td>
<td>29%</td>
</tr>
<tr>
<td>11</td>
<td>Bloomfield School District</td>
<td>76%</td>
<td>45%</td>
<td>41%</td>
<td>63%</td>
</tr>
<tr>
<td>12</td>
<td>Bolton School District</td>
<td>86%</td>
<td>41%</td>
<td>58%</td>
<td>33%</td>
</tr>
<tr>
<td>14</td>
<td>Branford School District</td>
<td>86%</td>
<td>30%</td>
<td>57%</td>
<td>41%</td>
</tr>
<tr>
<td>15</td>
<td>Bridgeport School District</td>
<td>67%</td>
<td>44%</td>
<td>30%</td>
<td>79%</td>
</tr>
<tr>
<td>17</td>
<td>Bristol School District</td>
<td>75%</td>
<td>44%</td>
<td>60%</td>
<td>44%</td>
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<tr>
<td>18</td>
<td>Brookfield School District</td>
<td>88%</td>
<td>31%</td>
<td>71%</td>
<td>38%</td>
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<tr>
<td>23</td>
<td>Canton School District</td>
<td>88%</td>
<td>31%</td>
<td>46%</td>
<td>20%</td>
</tr>
<tr>
<td>25</td>
<td>Cheshire School District</td>
<td>90%</td>
<td>26%</td>
<td>61%</td>
<td>37%</td>
</tr>
<tr>
<td>27</td>
<td>Clinton School District</td>
<td>76%</td>
<td>36%</td>
<td>69%</td>
<td>34%</td>
</tr>
</tbody>
</table>
The State of the Network

• P20 WIN is Operational
  • Data Requests processed: Data Sharing Agreements established, Approved data extracted, linked and analyzed, reports created

• Seedling
  • Growing and needs support

• Active data requests
  • Credit attainment & remediation needs of Class of 2011
  • Wage & Employment outcomes by CIP and institution for CSCU & UCONN
  • College Transitions Report
  • Nursing Program Evaluation
  • Northeast Resiliency Consortium – TAACCCT grant

• Exploring establishing a research consortium

• Seeking a sustainable funding model
The Bottom Line

• P20 WIN is a valuable asset for Connecticut

• P20 WIN needs to be supported

• P20 WIN provides information to guide improvement of our education programs across the state.
Thank you for listening
Jan Kiehne
P20 WIN Program Manager
Institutional Research Specialist
Board of Regents for Higher Education
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860-723-0236