Collaborative Cartography: Creating an Asset Map for Student and Community Success

Dragan Gill
Laura Coelho
Amethys Nieves
A Little About Us

Dragan Gill, Adams Library
Laura Coelho, Learning for Life
Amethys Nieves, Innovation Lab
Rhode Island College

2015-2016 Academic Year

<table>
<thead>
<tr>
<th></th>
<th>Total</th>
<th>Male</th>
<th>Female</th>
</tr>
</thead>
<tbody>
<tr>
<td>Undergraduate</td>
<td>7,446</td>
<td>2,405</td>
<td>5,041</td>
</tr>
<tr>
<td>Minority</td>
<td>2,387</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

68% receive grant aid (ie, Pell, state granted)
86% receive financial aid of some type
60% are first generation
~84% commuter students
Learning for Life (L4L)

- Peer-to-peer mentorship (Navigators & Scholars)
- Linkages to resources
- Community Building Events
- Seeding innovation and collaboration across campus

By the Numbers...

- 88.5% - Retention rate of L4L Scholars who entered in fall 2014 as full-time, first-time freshmen
- As of 4/26/17, L4L has served 853 Scholars in total
## Central Falls School District

<table>
<thead>
<tr>
<th></th>
<th>Central Falls</th>
<th>Rhode Island</th>
</tr>
</thead>
<tbody>
<tr>
<td>Graduating in 4 years</td>
<td>71.8%</td>
<td>85.3%</td>
</tr>
<tr>
<td>Eligible for subsidized lunch</td>
<td>81%</td>
<td>48%</td>
</tr>
<tr>
<td>Receiving ESL</td>
<td>26%</td>
<td>8%</td>
</tr>
<tr>
<td>Receiving special education</td>
<td>23%</td>
<td>15%</td>
</tr>
<tr>
<td>Hispanic/Latino</td>
<td>65%</td>
<td>25%</td>
</tr>
</tbody>
</table>

Data from: [http://infoworks.ride.ri.gov/district/central-falls](http://infoworks.ride.ri.gov/district/central-falls) and [http://infoworks.ride.ri.gov/state/ri](http://infoworks.ride.ri.gov/state/ri)
Innovation Lab

2013 - Central Falls School District and Rhode Island College signed a Memorandum of Agreement outlining “Cooperative Services,” such as:

- **Promotion of the enrollment of District students in college**, including but not limited to programs offering advancement[sic] placement courses and/or dual enrollment in the College and Central Falls High School;

- **The development and implementation of family and community engagement in the District schools**, including but not limited to a program of adult education;

- **The development of a system for evaluation of the effectiveness of the Cooperative Services**

Read the full [agreement](#)  See sample [projects](#)
The Heart of Our Collaboration
Cartography Project

- Develop a platform to connect students/community to services
- Visually showcase assets and resources at RIC and in the state
- Manage current asset and resource content
- Permit asset and resource growth
Project Goals

Increase Community Engagement & Empowerment
- Provide information to students, families, faculty, staff, and the RI community that enables them to connect them to appropriate resources and supports
- Increase awareness of services

Foster Community Planning Efforts
- Identify where assets currently are in the community
  - How well are assets meeting community needs?
- Identify where assets should be developed in the community
  - Where is there a lack of assets?

Internally
- Increase ability of lab to evaluate projects
- Increase Scholar’s ability to follow up and explore supports
- Environmental Needs Assessments generated with each update
Challenges

- Balancing the shared and divergent goals
- Learning each other’s languages
- Working within an academic calendar

Strengths

- Shared leadership
- Multidisciplinary
- Administrative support
Diving In: Asset & Resource Organization
An Important Distinction

**Assets**
- A person or agency that has an established working relationship with RIC
- A person or agency that has knowledge of RIC programs
- RIC personnel can call directly for assistance

**Resources**
- A person or agency that provides support
- Known community resource anyone can go to
- No direct link or liaison has been established
Controlled Vocabulary

→ Asset and Resource Types
  ● Central Falls School District
  ● Community
  ● Learning for Life
  ● RIC
  ● The Innovation Lab

→ Service Type

→ Sub-service Type
Service and Sub-Service Types

**Advocacy**
- Domestic Abuse
- Sexual Assault
- Gang Violence
- Trauma
- Legal Aid
- Policy

**Basic Need**
- Food
- Shelter
- Furniture Bank
- Employment

**Health**
- Mental Health
- Addiction
- Family Planning
- Dental
- Insurance

**Family Services**
- Foster Care
- Youth
- Adoption

**Education & Training**
- Leadership Skills Training
- Collecte Preparatory
- Access & Retention
- Continuing Education
- Clinical Preparation
Process to Defining Categories

**Defining and Explaining:** goal refinement with lots of documentation

**Prototyping Data Collection:** categorization and data validation defined

**Road Testing:** continued data collection throughout the process helped inform our decisions
Preparing to Map: Choosing a Program
## Program Comparison

<table>
<thead>
<tr>
<th></th>
<th>Google (Maps and Fusion)</th>
<th>BatchGeo</th>
<th>eSpatial</th>
<th>Tableau</th>
</tr>
</thead>
<tbody>
<tr>
<td>Data Sharing</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Data Storing</td>
<td></td>
<td></td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Data Analysis</td>
<td></td>
<td></td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Live Updates</td>
<td></td>
<td></td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Advanced Filtering</td>
<td></td>
<td></td>
<td>X</td>
<td>X</td>
</tr>
</tbody>
</table>
The Lab Becoming an Early Childhood Literacy Teacher
12 Kendall St.
Central Falls, Rhode Island 02863
Resource or Asset? : Asset
Asset/Resource Type: The Lab
School: Captain G. Harold Hunt School
Service type: Education & Training
Sub Service Type: Education & Training - Clinical Prep
Short Description of work: RIC Early Childhood teacher candidates spent one morning a week immersed in preschool
Tableau

http://library.ric.edu/l4l-asset-map
Sharing: Letting the World in
Our Community of Users

L4L

Innovation Lab

Students
Parents and Family
Administrators

Teachers

School of Ed. and Human
Dev.

School of SW

Central Falls School District

Staff and Navigators
Making the Map Easily Accessible
Our Adams Library Homebase

- Provides services to RIC students, faculty, and staff, **AND all** RI residents
- Website has become an ad hoc hub of campus resources through collaboration with student services and academic administration
The Important Role of Our Librarian

**Individual**
- Direct engagement with students

**System**
- Student directory to services/supports
Map Demonstration & Wrap-Up

See the map
http://library.ric.edu/l4l-asset-map

Final thoughts

→ Have a shared goal and purpose
→ Prototype, practice, rinse, repeat
→ Not everything is mapable, that’s ok too
Thanks!

Any questions?

You can find us at
Dragan: dgill@ric.edu
Laura: lcoelho@ric.edu
Amethys: anieves@ric.edu