

# Data Matters... Justifying Your Program Success in New Ways!

**Anna Graf Williams, PhD**

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[anna@Learnovation.com](mailto:anna@Learnovation.com)

# How wise are you & your team at providing key services & measurable results?

## What you measure...

- Products
- Services
- Data Analytics.....

## Who you measure...

- End User
- Trainer
- Administrator



# What's the story?

- **Patterns**
- **GAP Analysis**
- **Groups**
- **Individuals**
- **EMPLOYMENT**
- **Growing Career**



# Federally funded programs must...

## Do it better....

- Measure Program Goals
- Calculate Cost per student serve.
- Measure Risk of Not Participating in Program
- Measure knowledge, skills and abilities of students.



## Prove NOT a duplication of services...

- Identify similar services available
- Identify the unique risk minimized by YOUR program (per objective)
- Identify viable partnerships and how you are good for each other.

# Measure This...

Short Term/Long Term	HOW???
Student Engagement	5 Types of Well-Being
KSAs (Knowledge, Skills & Abilities)	O*NET standards & CIP codes
Student RISK Factors	RISK/Assess/Assist Procedure
Career Readiness	Awareness/Practicing/Mastery

**Map Program Goals to Data Categories**

# Well-Being...

## *Well-Being Index*

**Purpose Well-being:** Liking what you do each day and being motivated to achieve your goals.

**Social Well-being:** Having strong and supportive relationships and love in your life.

**Financial Well-being:** Effectively managing your economic life to reduce stress and increase security.

**Community Well-being:** The sense of engagement you have with areas where you live, liking where you live, and feeling safe and having a sense of pride in your community

**Physical Well-being:** Having good health and enough energy to get things done on a daily basis

Gallup Well-being Index

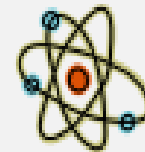
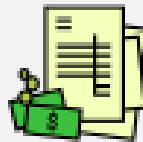
*Work...a job...or a Career--  
Which do YOU have?*

Dr. Anne

www.CareersWithPromise.com  
Inspiring Individuals to live the life they want to have.

## What is O\*Net?

- An online, public domain database containing detailed information on over 974 different occupations.



- Every occupation requires a different mix of knowledge, skills, and abilities, and is performed using a variety of activities and tasks. These are identified in detail in the O\*NET database.

# RISK/Assess/Assist

Risk (Of Failing Program)	Assess (Test)	Assist (Support)
Transportation	Driver's License	Public Transportation Pass Tires or Repairs to Vehicle
Reading Below Grade Level	Testing for Reading Level	Tutoring Coaching Sessions on Self Management
Low/Erratic Attendance	Attendance school, activities outside program, etc.	Staff touch point
Low Academic Achievement	Test or Review if there is a limiting ability or if under performing	Study Skills Tutoring



# Job Readiness

Career Portfolios  
are a process...  
NOT a thing!

*Dr. Anna*

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## Criteria

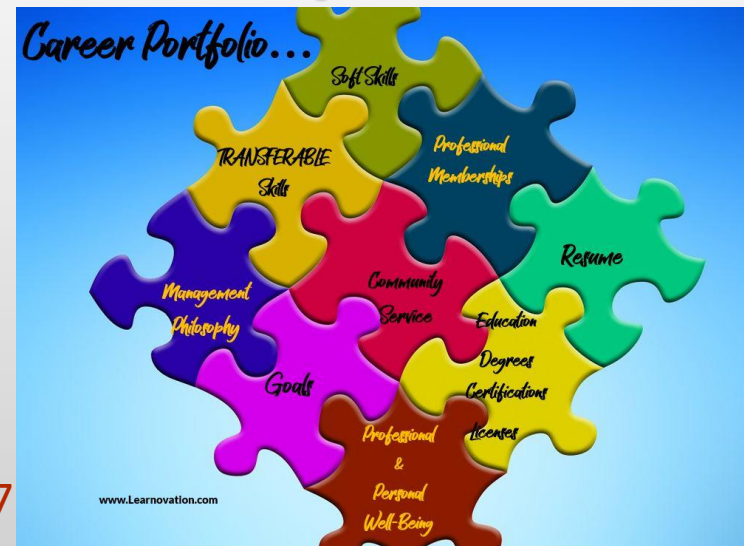
- Technical Skills
- Soft Skills
- Career Management
- Transferable Skills
- Work Place Engagement

## Measure

- Work Samples, Certificates
- 3<sup>rd</sup> Party Documentation
- Career Portfolio
- Community Service Samples & more
- 5 Areas of Well Being mapped to work samples

# The Rules of Data Management...

- Rule #1
  - Garbage IN Garbage OUT
  - Get a plan—*can't measure what you don't collect*
  - Centralized Data Collection allows you *to certify the data* and control flow of who, how and the potential corruption of...



# Be Mindful of Measuring ....

- The Individual Learner
- Groups
- Policy
- Data-Mining



# How to Take out the Garbage

Data comes from:

- Students
- Service Providers
- Staff
- Faculty
- Administration
- Employers
- Grades
- Partner Institutions

- **Clean collection**
- **Mandatory Participation**
  - Use sign in/out process (electronic)
  - Survey data upon sign in (short)
- **Immediate processing of data**
- **Keep data in raw form**
  - This allows for descriptive reporting
  - Analytical correlations and cause & effect

# Get a Plan...also known as **DEMOGRAPHICS**

- Think of this as Key Words
- Start with the Core Report
- Look Further...such as
  - Start/stop time
  - Curriculum, module, with notes, what type of help
  - Learning styles, study preferences
  - O\*NET via knowledge, skills, abilities

*If you could have  
anything you  
wanted... what  
would it be?*





# Data Mining...

- **Groups**
  - Patterns and things you don't know you don't know
  - Making new connects not yet asked for
- **Supplementing other programs or growing new grants with your data.**
- **Summative vs Formative Data**



# Summary

- It's the architecture
- The database
- Saving data in its smallest unit



*Learn & Adapt...or you'll be  
scheduled for extinction.*

*(Paul G. Graf - Machinery Whispers & Dr. Anna's Brother)*

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*Dr. Anna*



**Contact us with your questions!**

**Anna Graf Williams, PhD**

President, Learnovation<sup>®</sup>, LLC

Fishers, IN 46038 Phone: 317.577-1190

Email: [anna@Learnovation.com](mailto:anna@Learnovation.com) or Visit [www.Learnovation.com](http://www.Learnovation.com)

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*We're Glad  
You're Here!*