

# ***SCHOLARSHIP OF ENGAGEMENT***

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&  
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# *Clarity of Definitions*

## *Scholarship:*

- innovative with a high level of disciplinary expertise, can be replicated, produces documented results that are impactful, and is professionally or peer-reviewed

## *Engagement:*

- collaboration between institutions of higher education and their larger communities for the mutually beneficial exchange of knowledge and resources in a context of partnership and reciprocity

## *Scholarship of Engagement:*

- a reciprocal relationship that yields innovations with disciplinary expertise, can be replicated, documented, is professional and/or peer reviewed, and has evidence of impact

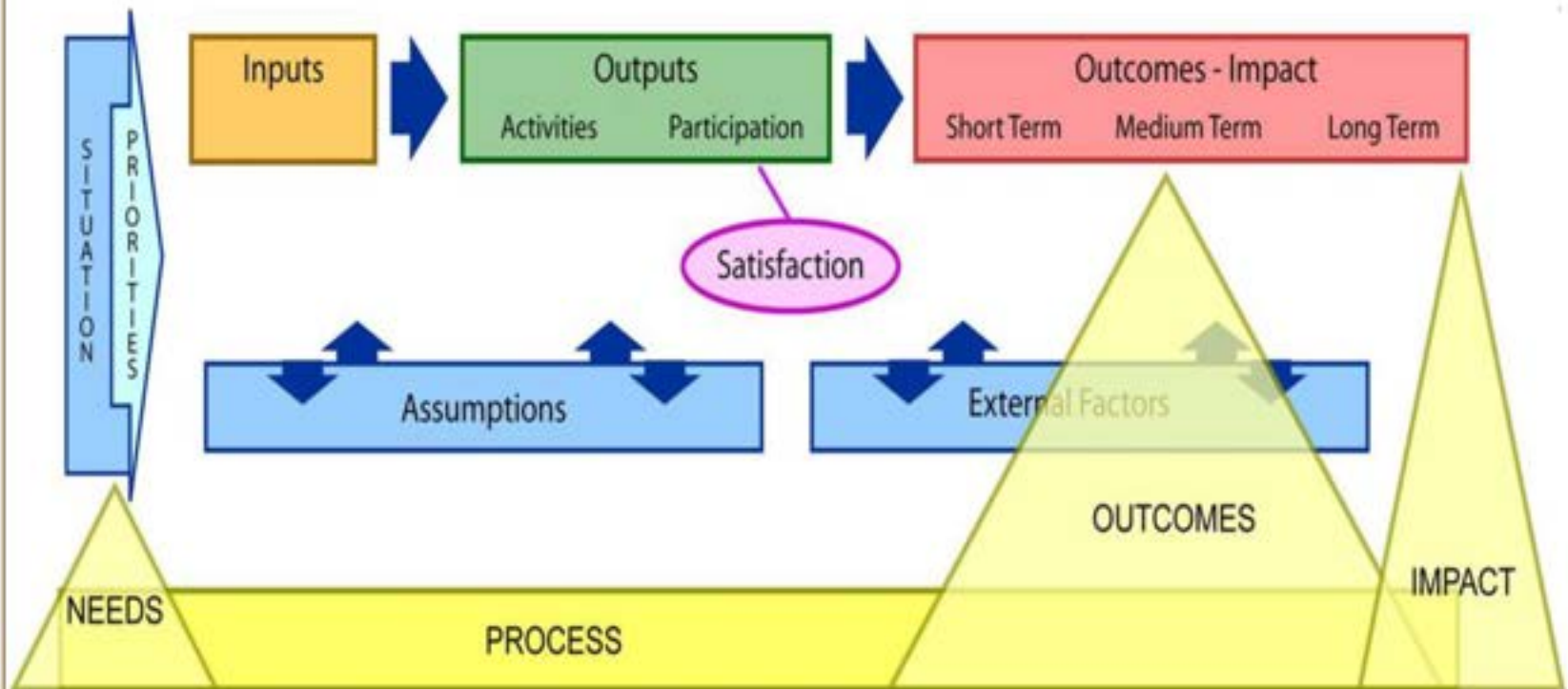
# *Developing Impactful Engagement*

- Parallels teaching approach

# *Developing Impactful Engagement*

- Step 1

# Develop a Logic Model



# *Developing Impactful Engagement*

- Step 2

# Scholarship

## Types of Scholarship

### EXAMPLES OF THE SCHOLARSHIP OF ENGAGEMENT

- **Laws/public policy**
- **Video archives, documentaries, films**
- **Delivery of products/services**  
(e.g., training materials, courses, workshops)
- **Professionally and/or peer-reviewed publications**

Diversify

Link

Track

# *Developing Impactful Engagement*

- Step 3






# Indicators

- Effective means to measure progress towards objectives
- Facilitates benchmarking over time
- Must be well defined
- Must be realistic, cost-effective, practical
  - Tradeoffs here are typical

	Direct	Indirect
Condition	Increase in youth engaged with outdoors	Perceptions of changes in youth spending time in nature
Behavior	Direct observation of use of curriculum	Self-reported use of curriculum
KASA	Changes in scores on measures of KASA. Direct observation of skills	Self-reported perceptions of change in KASA.

# Evaluation

1. Please rate your **KNOWLEDGE** or **SKILL** level on the following topics before this workshop and now.

TOPICS	Before you came					Now				
	None or little 1	2	3	4	Very much 5	Not at all 1	2	3	4	Very much 5
For each question, use the following scale: 										
a. To what extent were you able to manage your land?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
b. To what extent did you feel knowledgeable about your woodlands?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
c. To what extent did you feel comfortable talking about woodland management with your friends or neighbors?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
d. To what extent were you aware of groups and organizations that offer information, assistance or cost-share to woodland owners?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

2. Based on the information presented at this program, please mark all the actions that you plan on starting within the next 12 months:

- Use the services of a professional forester or biologist
- Control invasive plants on my property
- Modify an existing management plan for my woods
- Enhance my property for wildlife habitat
- Speak to other woodland owners about what I learned
- Develop a new management plan for my woods

3. How useful was this program in providing new knowledge to help you make future decisions and take action managing your property? *Mark one rating per row*

	Not Useful	Somewhat Useful	Useful
Future decisions	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Take action	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

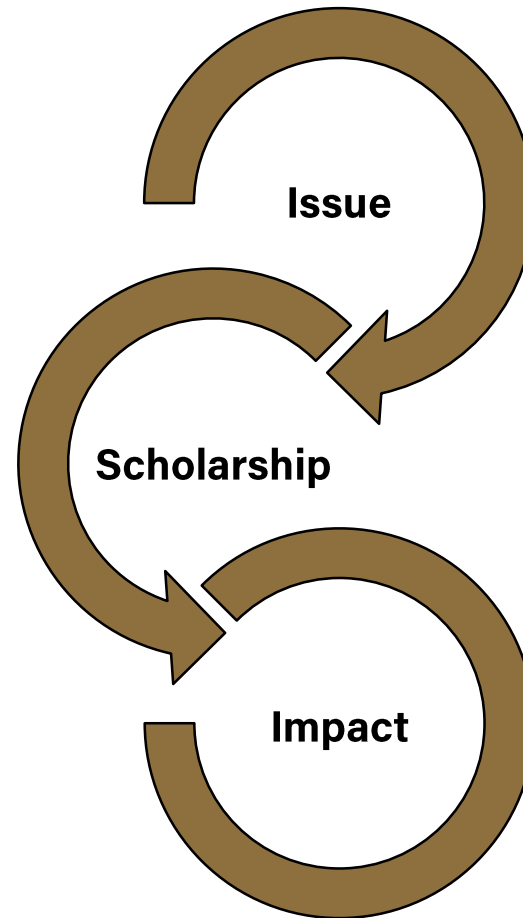
4. Based on the information presented in the program, what is the likelihood that you would recommend the *Cooperative Extension Service* to your family, friends and neighbors as a contact for information on woodland management? *(Mark any number)*

0    1    2    3    4    5    6    7    8    9    10  
 Not at all likely Extremely Likely

# Impact Statements

Tell the story.....

- ....of the 3 W's



**What is  
the need?**

**What did  
YOU do?**

**What was  
the result?**

# Impact Statement

## Need

Dr. Williams is involved with integrating natural resource information into formal K-12 education programming. In 2009 Dr. Williams hosted focus groups with licensed teachers who identified the following academic needs: 1) a lack of adequate training to fully incorporate natural resources into existing curricula; 2) a lack of science-based lesson plans; and 3) no repository for natural resource-based information for teachers to access freely. In response to

- Dr. Williams along with county Extension educators hosted a series of teacher workshops to a total of **242 K-12 teachers**. Participants represented 47 counties, 37 school districts, and **130 schools**. Teacher workshops surveys revealed knowledge gain from 30-65% among six core aspects of the curriculum. A four month post-workshop survey indicated that **roughly 80% of participants incorporated one or more aspects of our curriculum into their classrooms**. Teachers were asked to evaluate the impact of the curriculum on their students. **Evaluation data was received on 847 students grades K-5**. Student pre/post assessment data revealed a positive change in attitude across four core questions. Student evaluations found a **14% increase in readiness to learn**; students came back into the classroom more eager to learn than if they were not allowed to go outside. The curriculum has been **downloaded 350,268 times**.

# *Additional Resources*

## Purdue Office of Engagement

- Professional Development Videos
- Engagement Summits and Workshops
- Consultations
- Professional Development Programs
  - Societal Impact Fellows, Scholarship of Engagement Fellows, Service-learning Fellows

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***THANK YOU***