



**Enter the Matrix: Building a Rubric for Measuring  
Industry Partnerships and Their Impacts**  
2019 ATE PI Meeting



# Introductions & Session Agenda

## Who we are

Mary Slowinski & Rachael Bower  
Working Partners Research Project

Lana Rucks & Michael FitzGerald  
The Rucks Group

## Session agenda

- Background of project, rubric
- Presentation of rubric
- Guided discussion on usefulness, suggested improvements
- Next steps



# Working Partners Overview

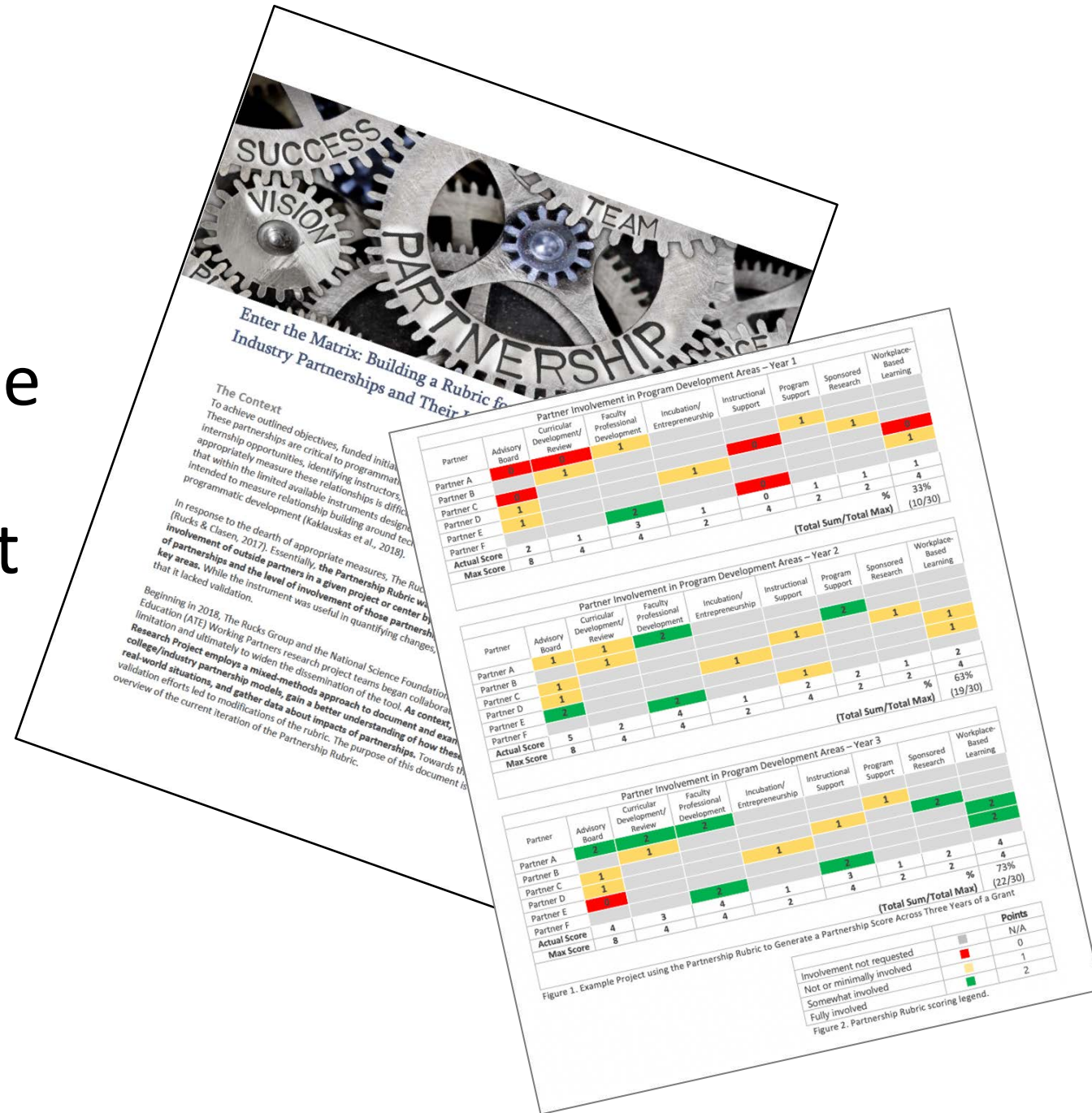
## Working Partners Research Project

- NSF-funded
- Charged with discovering, documenting and disseminating key factors and core practices associated with industry/college partnerships within the ATE Community
- Identified eight partnership models
- Identified challenges, implementation practices and investigated impacts



# Partnership Rubric

Created in response to the lack of tools available to quantify the involvement of external partners.





# Using the Partnership Rubric

## Step 1: Identify Partnership Entities

Identify entities with an established or planned partnership.

Partner Involvement in Program Development Areas – Year 1								
Partner	Advisory Board	Curricular Development/ Review	Faculty Professional Development	Incubation/ Entrepreneurship	Instructional Support	Program Support	Sponsored Research	Workplace-Based Learning
Partner A								
Partner B								
Partner C								
Partner D								
Partner E								
Partner F								



# Using the Partnership Rubric

## Step 2: Determine level of involvement

N/A = No involvement sought



0 = Not or minimally involved



1= Somewhat involved



2 = Fully involved





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Partner	Advisory Board	Curricular Development/ Review	Faculty Professional Development	Incubation/ Entrepreneurship	Instructional Support	Program Support	Sponsored Research	Workplace-Based Learning
Partner A	0	0	1					
Partner B		1				1		
Partner C	0				0		1	
Partner D	1			1				0
Partner E	1							1
Partner F			2		0			



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Partner C	0				0		1	
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Partner D	1			1				0
Partner E	1							1
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Partner C	0				0		1	
Partner D	1			1				0
Partner E	1							1
Partner F			2		0			





# Using the Partnership Rubric

## Step 3: Calculate Actual Score

**Actual Score = sum across the domains**

**1. Sum down  
each column**



**2. Sum across**



Partner Involvement in Program Development Areas – Year 1								
Partner	Advisory Board	Curricular Development/ Review	Faculty Professional Development	Incubation/ Entrepreneurship	Instructional Support	Program Support	Sponsored Research	Workplace-Based Learning
Partner A	0	0	1					
Partner B		1				1		
Partner C	0				0		1	
Partner D	1			1				0
Partner E	1							1
Partner F			2		0			
<b>Actual Score</b>	<b>2</b>	<b>1</b>	<b>3</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>1</b>
<b>Max Score</b>	<b>8</b>	<b>4</b>	<b>4</b>	<b>2</b>	<b>4</b>	<b>2</b>	<b>2</b>	<b>4</b>
								%
								33%
								(Total Sum/Total Max)
								(10/30)

**Example  
Actual  
Score=10**



# Using the Partnership Rubric

## Step 4: Calculate Maximum Score

**Maximum Score = number of entries x 2 (max possible score)**

**1. Calculate # of column entries, multiply by 2**

**2. Sum across**

Partner Involvement in Program Development Areas – Year 1								
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Partner A	0	0	1					
Partner B		1				1		
Partner C	0				0		1	
Partner D	1			1				0
Partner E	1							1
Partner F			2		0			
Actual Score	2	1	3	1	0	1	1	1
Max Score	8	4	4	2	4	2	2	4
(Total Sum/Total Max)								33%
								(10/30)

**Example  
Maximum  
Score=30**





## Rubric Introduction – Questions?

Any questions regarding rubric purpose, background, design before guided discussion?



## Discussion Question #1

*What is one thing about the rubric that will be **useful** in your work?*





## Discussion Question #2

*What is one thing that could be **improved upon** or is **missing** from the rubric?*



## Next Steps

### Continued Rubric Development

- Iterative design, feedback loops
  - *Input from HITEC attendees (completed July 2019)*
  - Feedback from the evaluation community
  - Input from ATE PI conference attendees
- Piloting with evaluators/educators
- Use in upcoming workshops



## Next Steps

We want your input!

- Talk with us during the PI meeting
  - Thursday: ATE Central Booth #001
  - Friday: WP breakfast roundtable - table #16
  - Anytime you see us!
- Leave feedback online
- Pilot the rubric
- Spread the word!





Thank You!

Provide rubric feedback online:

<http://bit.ly/PartnershipRubricFeedback>



Email

[info@workingpartnersproject.org](mailto:info@workingpartnersproject.org)

Web

<http://workingpartnersproject.org>