



# ❖ PROJECT

# KALEIDOSCOPE

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- ❖ **BUILDING LEADERS AND NATIONAL NETWORKS OF LEADERS**
- ❖ **WORKING TO TRANSFORM UNDERGRADUATE STEM LEARNING ENVIRONMENTS**



# LEADERS TAKING RESPONSIBILITY



**MAKING A DIFFERENCE**



**FOR THEIR STUDENTS**



**FOR THEIR INSTITUTION**



**FOR THEIR FIELD**



**FOR SOCIETY....**



# VISION: TAKING RESPONSIBILITY

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**STRONG LEARNING**



**CHANGING CONTEXT**



**THE FUTURE**



**WHAT MIGHT BE....**



# ❖ COMMUNITY: TAKING RESPONSIBILITY

- ❖ **INSTITUTIONAL CONTEXT**
- ❖ **KALEIDOSCOPIIC  
PERSPECTIVE**
- ❖ **POLITICS OF CHANGE.....**



❖ PERSONAL:

TAKING

RESPONSIBILITY...

- ❖ **WILLING TO TAKE RISKS**
- ❖ **ARE SELF-AWARE**
- ❖ **RESPECT DIFFERENCES**
- ❖ **PASSIONATE ADVOCATES**



❖ ...PERSONAL:

TAKING

RESPONSIBILITY

❖ **BROAD UNDERSTANDING OF  
CHANGING CONTEXT**

❖ **CLEAR AWARENESS OF  
STRENGTHS/WEAKNESSES**

❖ **PERSISTENT PRACTICE**

❖ **AN AGENDA FOR ACTION....**



# ❖ CHANGING CONTEXT

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- ❖ **SCIENCE FOR ALL/WORKFORCE**
- ❖ **SCIENTIFIC & TECHNOLOGICAL ADVANCES**
- ❖ **SOCIETAL NEEDS & OPPORTUNITIES**



# ❖ STRENGTHS & WEAKNESSES

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- ❖ **PERSONAL REFLECTION**
- ❖ **ENGAGEMENT/SUPPORT OF COLLEAGUES**
- ❖ **JOURNAL/PORTFOLIO**
- ❖ **ROLE MODELS**





# ❖ PERSISTENT PRACTICE

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- ❖ **ARTICULATE &  
COMMUNICATE VISION**
- ❖ **CONNECT & COLLABORATE**
- ❖ **ACT & REFLECT & ACT...**



# ❖ PROJECT KALEIDOSCOPE

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- ❖ **HERE GOES THE TEXT**
- ❖ **HERE GOES THE TEXT**
- ❖ **HERE TOES THE TEXT**
- ❖ **HERE GOES THE TEXT.....**



# ❖ BARRIERS & OPPORTUNITIES

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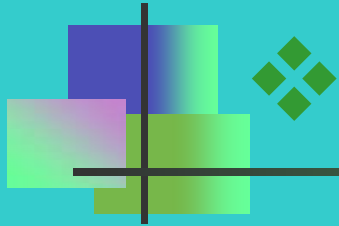
- ❖ **TURN OBSTACLES INTO OPPORTUNITIES**
- ❖ **PICK YOUR BATTLES**
- ❖ **FOCUS ON YOUR PRIORITIES**
- ❖ **ATTEND TO LARGER PICTURE**



# ORTEGA Y GASSET

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***...the whole difficulty of the matter is that life is not given to us ready made.... Even to abandon our life to chance...is to make a plan.***



# JAMES L. ADAMS

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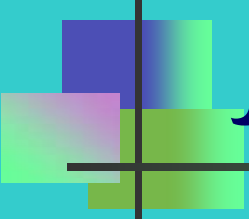
***... increasing creativity in  
general means  
work...requiring conscious  
mental effort and resources.***



# ❖ JOHN GARDNER

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***...the creative person does not persist stubbornly and unproductively in one approach to a problem...he can give up his initial perception of a problem and redefine it....***



# ERNEST BOYER: SCHOLARSHIP ASSESSED

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- ❖ **CLEAR GOALS**
- ❖ **ADEQUATE PREPARATION**
- ❖ **APPROPRIATE METHODS**
- ❖ **EFFECTIVE PRESENTATION**
- ❖ **REFLECTIVE CRITIQUE**
- ❖ **SIGNIFICANT RESULTS**

❖ PROJECT

KALEIDOSCOPE

