

# Mastering the A.R.T.T.s: Part II

Presented by  
The Center for Teaching Excellence  
Lillie Calloway, Sharad Maheshwari, Zina McGee  
and Arun Verma

# Mastering the A.R.T.T.s

- Assessment
- Research
- Teaching
- Technology

# Overview

- Strengthening your portfolio for a new academic year
- Brainstorming on activities
- Wrap-up

# Teaching and Research

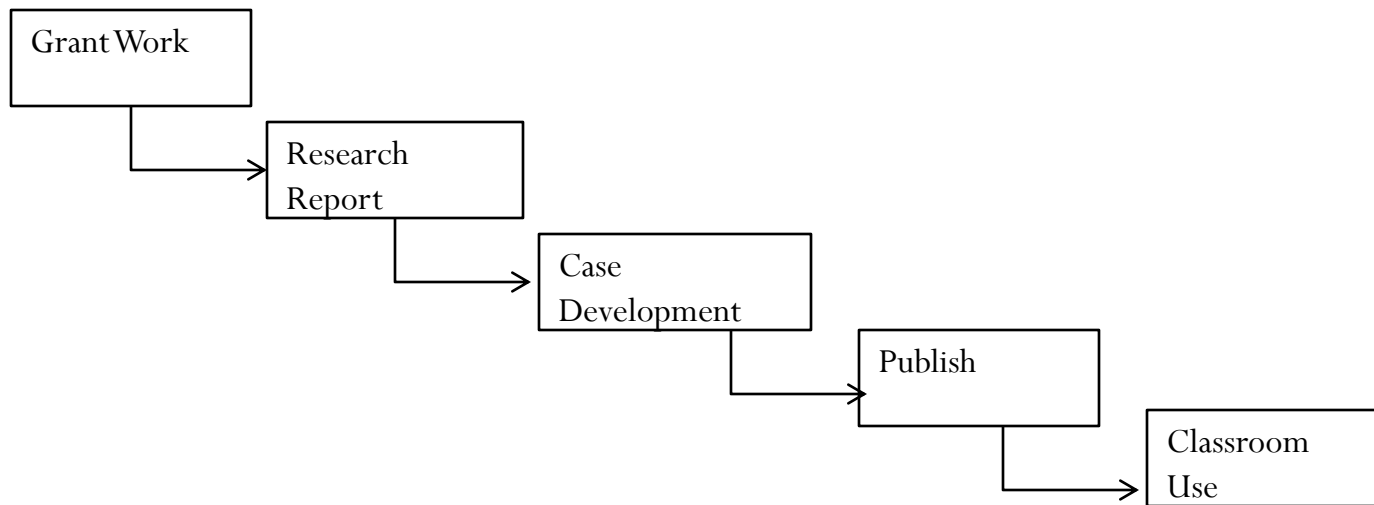
- **Students**
  - **Research Assistant/Internship**
- **Research Class**
  - **Graduate Business Research Class**
- **Classroom Teaching**
  - **Supplementing Teaching By Using Your Own Research Work**

# Teaching and Research

- **Research Class**
  - **Graduate Business Research Class**
  - **Students were required to prepare a publishable paper conducting some field research (A big part of the grade).**
    - **Sample--Anxiety and Performance**
      - **Previously Developed and Tested Instrument**
      - **Preliminary Results—Higher Anxiety Leads to Somewhat Poorer Performance**
      - **Significant Difference Between Male and Female Students Performance in the High Anxiety Group**

# Teaching and Research

- Classroom Teaching
- “Research Meshing”



# Teaching and Research

- **Case—Project Management**
  - **Planning---**CPM/PERT
  - **Resource Allocation---**Leveling
  - **Controlling---**Variance Analysis
- **Case—US DOT Grant**
  - **Small Business**
  - **Project Management**
    - Cost and Schedule Variance
    - Can be used to control/direct project

# Assessment

- Multiple-Choice
- True/False
- Fill-in the Blanks
- Multiple Answer
- Matching
- Ordering
- Essay
- Calculated ones
- Numeric Response
- Hot Spot
- Multiple Fill-in
- Jumbled Sentence
- Option of Uploading



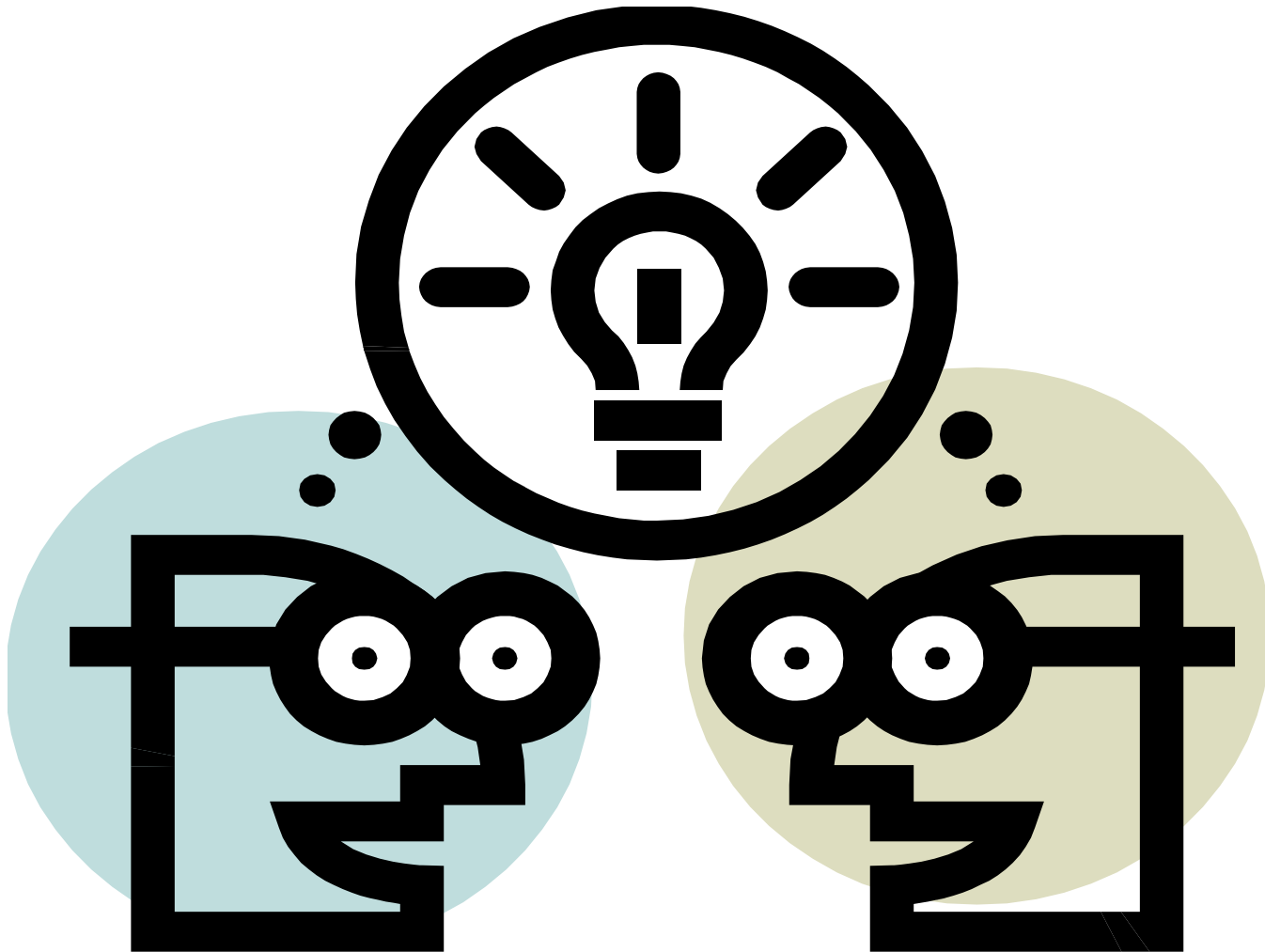
# Technology in Instruction

- Hybrid Instruction
- Supplemental
  - BlackBoard
  - SmartBoards
  - Clickers
  - MERLOT (Multimedia Education Resource for Learning and Online Teaching) <http://www.merlot.org>

# MERLOT

- Free web-based resource to find online teaching and learning material
- Open Education Resource
- High quality Peer-reviewed
- Browse virtual stacks of material in your discipline
- Search for learning materials related to specific terms and concepts
- Create your own online learning materials collection

# Brainstorming



# Wrap up

- Mastering the A.R.T.T.s
- Preparation for next academic year
  - Reflection improves our teaching and assessment of instruction
  - Technology aids our teaching and facilitates assessment
  - Scholarly activity informs our teaching
- The Center for Teaching Excellence wishes you a safe, restful, and productive summer break!