

PI: Barry Stein

INSTITUTION: Tennessee Tech University

TITLE: CAT National Dissemination: Assessment and Improvement of Learning

PROJECT#: 0717654

TYPE: Phase III-Comprehensive

TARGET DISCIPLINE: Interdisciplinary

FOCUS: Assessing Student Achievement

GOALS: The goal is to develop effective methods for training faculty to lead CAT (Critical thinking Assessment Test) scoring workshops on their own campuses and disseminate the CAT instrument. Faculty involvement in scoring student essay responses to the CAT together with discussion of best practices will help close the loop in assessment/improvement.

METHODS: The methods include conducting regional train-the-trainer workshops to prepare faculty at other institutions to implement CAT testing and conduct faculty scoring workshops at their home institutions. Various training and support materials are being developed to ensure the success of these training sessions and promote the use of best practices.

EVALUATION: Extensive work has been done to establish the face validity, criterion validity, and content validity of the CAT instrument and to establish the reliability of scoring in workshops led by the