

**DCCCD Incentive Funding
Retention Awards
Executive Summary**

SEED AWARDS:

Blended Instruction Pilot program

Award Principal Coordinator: Marie Kohrmann and Katherine Villarreal, NLC
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Award Amount: \$72,415 Award Period: 4 Semesters

Student retention and success in developmental math is hampered by the following key issues:

1. Lack of basic math and study skills.
2. Lack of critical thinking.
3. Lack of demonstrated mastery when exiting course.
4. Inconsistent instructional delivery.
5. Various levels of knowledge among students.
6. Lack of immediate feedback to students on homework.
7. Inability of students to move quickly through DMAT sequence.

We have created a program at North Lake that addresses all of these issues and is similar to a program that has been used by the University of Alabama for years. The key components of this program are:

- Pre-testing with the creation of a personalized study plan.
- Mastery based progression.
- Post testing mastery before written tests are allowed.
- Intervention by instructor, counselors, and Disability Services.
- Frequent communication between student and Instructor.
- Lectures focusing on critical thinking, basic study skills, and common areas of difficulty.
- Students' permission to accelerate through the sequence

We are currently running a pilot of this program. If successful, we would like to institutionalize the program and use it for a majority of our developmental courses.