Workshop Overview
April 24, 2015

8:00 – 8:55  Registration & Networking Coffee
9:00 – 10:00  Breakout Session I

**High Schools Confronting the Challenges of Preparing Students for Post-secondary Math Experiences, Room 2113**

**Presenters:** Joanne Whitley, Secondary Math Specialist, Charlotte-Mecklenburg Schools
Michelle Thompson, Math Department Chair, Phillip O. Berry High School, Charlotte-Mecklenburg Schools

**Description:** This session will explore how local high schools are better preparing students for post-secondary math experiences and the world of work by giving special attention to increasing the rigor, relevance, and engagement of the high school curriculum. Gain a deeper look into how high schools work with students to build conceptual math understanding, more effective use of technology, and to make real-world connections.

**Math Completion by Design: Cross-Sector Strategies for Improving College-level Math Readiness. Room 2110**

**Presenters:** Meagan McNamee, Mathematics Instructor and Discipline Chair, CPCC | Kydia McCoy, Mathematics Program Coordinator, CPCC | Melissa Granados, Mathematics Curriculum Coach, CPCC

**Description:** As part of North Carolina’s cadre for Completion by Design, Central Piedmont Community College (CPCC) has undertaken numerous initiatives to improve student readiness for college-level mathematics. Join us to learn about three specific efforts:

- high school bridge
- student preparation support for the mathematics portions of the North Carolina Diagnostic Assessment and Placement Test
- supplemental math labs for students admitted to college under the North Carolina Community College System’s "Multiple Measures for Placement" policy

**H-a-b-i-s-t-a-t-s: Service Learning in Introductory Statistics, Room 2128**

**Presenters:** Gregg Miller, Mathematics Instructor, CPCC

**Description:** For the past few semesters, some of CPCC’s introductory statistics classes have been analyzing data from Habitat for Humanity’s Weatherization program. This session will review the students’ activities in working with the Habitat data, the results of their analysis, and students’ comments about the experience.
Strategic Faculty: Equipping Students through the University Pipeline for Advanced STEM Studies, Room 2130

Presenters: Jodi Turner, SAFE/P.R.O.D.U.C.E. Coordinator, UNC Charlotte | Dr. Cristina Moreira, Asoc. Professor of Biology, Bennett College

Description: Discover the mutual benefits gained by students and colleges when faculty develop mentoring programs and promote the practice of engaging students in personal/professional growth activities, gearing them toward success in research experiences for undergraduates and the pursuit of advanced STEM studies.

10:15 – 11:15 Breakout Session II
Options 1 – 4 will be repeated again during Breakout Session II.

11:15 – 11:25 Break

11:30 – 12:10 Networking Lunch
Meet with colleagues from other sectors, Room 1100

12:15 – 12:20 Welcome
Chris Paynter, Dean, STEM, CPCC

12:20 – 12:25 Introduction
Rinav Mehta, Mathematics Division Director, CPCC

12:30 – 1:25 Rethinking Math Success: Integrating Study Skills into Technology-rich Learning Environments, Room 1100

Presenter: Dr. Paul Nolting, Learning Specialist

Description: The national and state math redesign movement has created the need for colleges to change their curriculum. In order to develop meaningful course success plans that support students in their efforts to successfully pass math courses, math departments must collaborate both internally and externally. This workshop demonstrates current faculty approaches for integrating independent learning skills, or “math study skills” (online homework, note-taking, test anxiety reduction testing, persistence) into technology-rich learning environments, presents collaboration strategies and discusses how to develop math course success plans.

1:30 – 1:40 Break

1:45 – 2:55 Rethinking Math Success: Innovation Planning and Design Workshop, Room 1100

Presenter: Dr. Paul Nolting, Learning Specialist

Description: Participants will collaborate to identify, design, and submit the initial phase of an innovation Plan for Math Success.

2:55 – 3:00 Closing Remarks
Rinav Mehta, Mathematics Division Director, CPCC