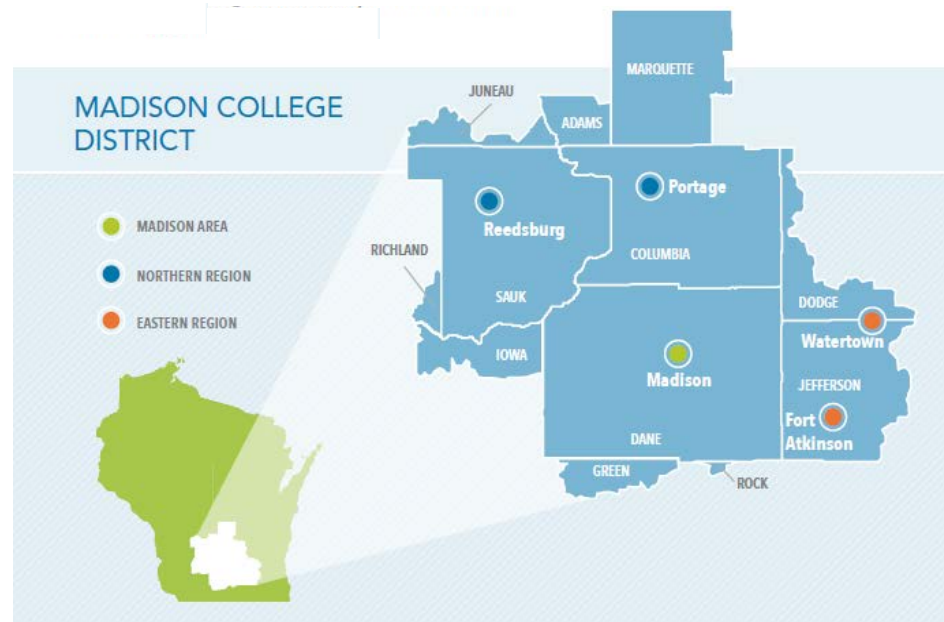




The Role of the Two-Year Institution as an Avenue to Success for Underrepresented Minorities in STEM

Chuck Benton and Bethany Sansing-Helton
Madison College WiscAMP Scholars Program



- 12 counties in South Central Wisconsin
- Provide apprenticeships, technical certificates and diplomas, associates degrees as well as transfer opportunities



- #1 Source of Transfer Students to the UW-System
- More students transfer from Madison College to the UW-System than any other college in Wisconsin



Race/Ethnicity	District ¹	Student Body ²	Transfer Cohort ³
African-American	3.7%	7%	4%
Latino	6.1%	9%	6%
Asian	3.5%	4%	3.5%
White	84.5%	71%	85%
Other	2.2%	9%	1.5%

¹Madison College Dept. of Institutional Research and Effectiveness, 2013

²Madison College 2014 Annual Report

³UW-System Office of Policy Analysis and Research, Fall 2013



Madison College WiscAMP Scholars Program

Purpose: Increase the number of underrepresented minority students who transfer to a four-year institution with the intent of pursuing a baccalaureate degree in a STEM field.

- 2012-2013 Inaugural Year

Madison College

Eligibility Requirements

- Minimum Cumulative GPA of 2.6
- Completed 6 transfer credits in STEM with a B or greater
- Completed College Algebra or Higher
- Must be an underrepresented minority
- Must be a US citizen or permanent resident



Madison College WiscAMP Scholars Program

Key Features

1. Required to Be Full Time Students

- 12+ credits
- Helps expedite transfer to the four-year institution
- Allows students to be able to transfer within a year



Madison College WiscAMP Scholars Program

Key Features

2. Attend Monthly Meetings with Other WiscAMP Students

- Establish a community of learners
- Provide academic development training
- Provide professional development training

Madison College

Trips to Local STEM Companies





Madison College WiscAMP Scholars Program

Key Features

3. Partner with students in obtaining 90 hours of hands-on experience in a STEM environment
 - Internship
 - Research Project





Madison College WiscAMP Scholars Program

Key Features

4. Research Four-Year institutions and apply to at least 2 by February 1st



Madison College WiscAMP Scholars Program

Key Features

5. Provide a small stipend

- Reduce financial pressures
- Allow students to meet the requirements of the program
- Be more engaged with the campus community



Madison College WiscAMP Scholars Program

Key Features

5. Provide a small stipend

- Stipends are distributed three times a semester
- Contingent on fulfilling the requirements of the program



Madison College WiscAMP Scholars Program

Key Features

6. Pair Students with a Mentor

- Communicate with mentors weekly
- Stay informed about the student's academic progress
- Ensure student is progressing with their internship
- Ensure student applies to transfer institutions by the February deadline



Madison College WiscAMP Scholars Program

Key Features

6. Pair Students with a Mentor

- Help connect student with resources
- Provide guidance
- Be a sounding board



Success Rate

Academic Year	Started	Completed
2012-2013	5	4
2013-2014	5	5
2014-2015	4	3
Since Inception	14	12



Next Steps

- Expand the Number of Students Participating in the Program
- Establish Additional Funded Roles of Participation
 - Peer Mentors
 - Peer Tutors



Next Steps

- Expand the number of faculty serving as mentors
- Secure administrative support for the program
- Obtain a funding commitment from the college
- Obtain funding from outside sources