



The University of
Montana



SHAPE P-20

Success for All Students

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SHAPE P-20: Executive Summary (WHAT)

- **REQUEST:** *The University of Montana (“UM”) and Missoula County Public Schools (“MCPS”) asked The Dennis and Phyllis Washington Foundation (“Foundation”) to provide \$1.6 million to initiate the SHAPE P-20 Program*
- **DESCRIPTION**
 - ❑ **Schools and Higher Education Advancing Public Education across the P-20 Spectrum (SHAPE P-20)** is a groundbreaking collaboration between UM and MCPS to transform the relationships among classrooms, schools and student and teacher experiences from pre-school to the doctorate level.
 - ❑ The program’s purpose, and in fact the manner in which it defines success, is to have ALL students graduate from high school with the knowledge and skills required to thrive in the 21st Century.
 - ❑ These Skills Include:
 - **Critical Thinking**
 - **Creative Problem-Solving**
 - **Ability to Work as Part of a Team**
 - **Capacity to Communicate Effectively**

SHAPE P-20: Goals (WHY)

The Pilot-Program's 3-Year Goals:

- ***Increase high school retention and graduation rates***
- ***Develop family and community investment***
- ***Deliver skills essential to 21st century teaching and learning***
- ***Promote the development of education professionals; teachers, principals, professors and future teachers***

SHAPE P-20 is designed to be scalable. Once proven successful, SHAPE P-20 will be made available to communities across the country.

SHAPE P-20: Strategies and Notable Elements (HOW)

➤ **Increase Student Engagement**

- ❑ Timely and developmentally appropriate assessment and support – including families (LAB pre-school and beyond)
- ❑ Montana Digital Academy customized, online “second chances” for struggling students
- ❑ Increase use of MCPS/UM dual-enrollment program

➤ **Transform Learning Environments**

- ❑ Leading-edge classroom instructional technologies (e.g. PJWCOEHS distance learning)
- ❑ Science, Technology, Engineering and Math (“STEM”) Initiatives
- ❑ Health Sciences Academy

➤ **Support Innovators**

- ❑ UM Master’s program for Teaching STEM
- ❑ UM Program Liaison – focused on assessment
- ❑ Doctoral research fellow

➤ **Personalize Professional Growth**

- ❑ Side-by-side training of MCPS teachers, principals, UM faculty and students
- ❑ Professional learning communities and leadership teams

➤ **Enhance Collaboration** among administrators, educators, students and families and the greater Missoula community

SHAPE P-20: How Success Will Be Measured* (METRICS)

- **Increase high-school retention and graduation rates**
 - ❑ 88% graduation rate (three-year average) to 95% by 2016

- **Develop family and community investment**
 - ❑ Family support: Increase readiness of incoming kindergarteners from baseline of 45% to 55% by 2016
 - ❑ Business support: Generate cash and in-kind support of \$30 K annually

- **Deliver skills essential to success in the 21st century**
 - ❑ Improve current college readiness rates by 2016:
 - English: from 80% to 85%
 - Math: from 65% to 80%
 - Reading: from 68% to 80%
 - Sciences: from 40% to 60%

*Additional Metrics for evaluation outlined in SHAPE P-20 grant application

SHAPE P-20: Keys to Success

- **Leadership:** Continued visionary and courageous stewardship from:
 - ❑ Phyllis J. Washington College of Education and Human Sciences
 - ❑ Missoula County Public Schools

- **Scalability and Adoption:**
 - ❑ **Development of National Partnerships:** Initial success will be attractive to national and state partner institutions and communities who may fund their own involvement as early as year two
 - ❑ **Adoption by other districts and institutions:** Montana, North Dakota and beyond

- **Sustainability:**
 - ❑ **Legislative and Community Support**
 - University budget request
 - Mill levy
 - State and school district budget allocations
 - ❑ **MCPS corporate coalition**
 - ❑ **Additional Corporate and Foundation Support**

SHAPE P-20 Partnerships:

- University of Montana**
- Missoula business community**
- Montana Office of Public Instruction (OPI)**
- Montana Education Assoc. (MEA) – Montana Federation of Teachers (MFT)**
- School Administrators of Montana (SAM)**
- Montana Rural Education Association (MREA)**
- Montana School Board Association (MTSBA)**
- Education Northwest**
- Monterey Institute for Technology & Education (MITE)**