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About Us

MC² is a collaborative effort of university mathematicians, mathematics educators, and public school leaders to improve math achievement and instruction in New Mexico. Our project is a partnership between the College of Education, the Department of Mathematical Sciences at New Mexico State University, the New Mexico Public Education Department (PED), PED's Math and Science Bureau, and Institutional and District Partnerships.

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Public Education Department and Math & Science Bureau

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Live, Learn and Thrive.™

9/2009



MC²

**Mathematically
Connected Communities**



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Mission

Our mission is to improve student achievement and the teaching and learning mathematics by building a statewide learning community of mathematics educators, mathematicians, and public leaders.

Focus

Offer Summer Academies connected to year-round professional development.

One week academies on the use of problem-solving secondary math curricula are held for all partner districts. A two week mathematics academy for course credit is also offered.

Provide Continuous Professional Development to

- Align assessments with standards,
- Assist districts in implementing new standards-based curricula,
- Assist in developing and implementing ongoing assessments, and
- Provide math workshops and courses for teachers in key areas such as geometry and measurement, algebraic thinking, and number and operations.

Build Capacity with School District Partners to

- Build leadership capacity of District Leadership Teams, mathematics specialists, administrators, and teacher coaches.
- Establish a culture of continual professional learning and collaboration.

Develop and Support On-going Collaboration with Institutional Partners to

- Support additional universities in improving and expanding mathematics education,
- Build a state-wide cadre of mathematics leaders representing all stakeholders, and
- Align statewide efforts in the improvement of mathematics teaching and learning.

Web-Based Math Resources

The MC² project provides standards-based instructional resources, options for teacher credentialing, and mathematics education resources for teachers, administrators, and parents. We also partner with the Public Education Department to provide a Math New Mexico website (mathnm.org) that provides information related to all mathematics resources in the state.

Opportunities for Further Studies in Mathematics

The MC² project offers courses and credit in conjunction with the summer academies, face-to-face and online. For details, please visit MC² website, <http://mc2.nmsu.edu>.

A Masters of Arts in Teaching Mathematics (MAT) is a program designed for mathematics teachers by the Curriculum & Instruction and Mathematical Sciences Department. For more information contact: Dr. James O'Donnell at 505-646-2290.

New Mexico Higher Education Partners, Institutional Partners, and Regional Field Specialists

- **Eastern New Mexico University**
Regina Aragon, regina.aragon@enmu.edu
- **Los Alamos National Laboratory Northern NM Math & Science Academy, MSA**
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