Teacher Quality Enhancement Middle School Project
Leadership Academy III

Project Goals

- **Goal 1:** Develop a middle-grade certificate
  - **Objective 1.1:** Specify certification requirements for middle-grade teachers.
    - Activity 1: Convene Standards Advisory Panel
    - Activity 2: Recommend draft certification standards
    - Activity 3: Draft legislation
  - **Objective 1.2:** Establish middle-grade teacher preparation content-area and pedagogy standards.
    - Activity 1: Develop/recommend integrated content and pedagogy standards
    - Activity 2: Convene an Assessment Advisory Panel

- **Goal 2:** Improve the knowledge and skills of middle-grade teachers, with an initial priority on teachers serving high-poverty urban and rural areas.
  - **Objective 2.1:** Develop curriculum and computer-mediated courseware design expertise of 2 and 4-year education and arts and science faculty.
    - Activity 1: Contract for curriculum and technology expertise
    - Activity 2: Research best practices in middle-grade curricula and pedagogy

✔ TQE hosts technology professional development and Leadership Academy workshops.

✔ TQE is compiling data on best practices.

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CSU TQE/MS II Leadership Team
- Nancy Grim, Director
- Phyllis McCune, Middle School Teacher-in-Residence, 2001-2002
- Mary Kate Witry, Middle School Teacher-in-Residence, 2002-2003
- Rosemary Buteau, TQE/COE Technology Coordinator
- Susan Storrs, English Team Leader
- Sharon O’Donnell, Math Team Leader
- Mel Sabella, Science Team Leader
- Sylvia Gist/Gabriel Gomez, Technology Team Leaders

Local TQE Partners
- **Community Colleges**
  - Kennedy King
  - Malcolm X
  - Olive Harvey
  - Triton
  - Daley
  - Harold Washington
  - Moraine Valley
- **Middle-Level Concept Schools**
  - Dorrn Elementary
  - Vernon John’s Community Academy
  - Thurgood Marshall Middle School
  - Etc.
Professional Development

- Best Practices Seminars co-offered with CURE
  - ESL/Bilingual
- Conference co-sponsored with CURE
  - Johnson & Johnson, cooperative learning
- Technology-related
  - Blackboard, PowerPoint, Inspiration, Gradequick, Smart Board, Capturing Images, Video, etc.
- Mini-grant Writing Workshop
- Sent Partners to Conferences & Workshops

Professional Development using Technology for Higher Education Faculty

Your Role as a TQE Partner

- Leadership Academy II
  - To build your design expertise
  - Establish a web-enhanced course presence
  - Develop more technology-driven modules/learning experiences
- Next Academic Year(s)
  - To use your design expertise
  - Improve your web-enhanced course presence
  - Develop more technology-driven modules/learning experiences
  - To share ideas via professional development
  - To form co-teaching teams
  - To identify and support future teachers of the middle grades

Technology-driven Unit Ideas

- Totally self-contained programs
- Lesson documents online or attached for download
- Responses reported back online
  - Lab data, reflective essays, Web Quest results
- Demonstrating proficiency in content knowledge or performance via technology design/presentations
  - Inspiration, PowerPoint, Excel, Draw, I-Movies, Video, Imaging, etc.
  - Using still images or video inside a PowerPoint or I-Movie Presentation to show that concepts are understood
  - Three-dimensional evidence to explain trigonometry concepts
  - Architectural evidence to show cultural heritage concepts
  - Evidence on signs to show cross-cultural language influences
  - Prepare a concept map as a review assignment
- Using TI-83 calculators
- Using lab experiment probes

TQE MS Leadership Academy II

- Web-enhanced Onsite Course
  - Course shell that supports onsite course
  - Blackboard/WebCT/LiveText
  - Synchronous/asynchronous communication
  - Technology-driven projects (described in assignments)
  - Links to resources
- Online Course
  - Course shell in which more than 75% of the course is taught online rather than onsite
  - Blackboard or WebCT
  - Links to resources
- Distance Learning Course
  - Course taught onsite and offsite simultaneously
  - Supported similarly to the Web-enhanced Onsite Course

Project Goals

- Goal 2: Improve the knowledge and skills of middle-grade teachers....
  - Objective 2.2: Design or redesign standards-based middle-grade teacher preparation curriculum and assessments based on Illinois content and pedagogy standards.
  - Activity 1: On-campus programs
    - MIDS Fully-Accredited MIDS Option Program at CSU

✓ Our first TQE MS Leadership Academy provided the foundation for exploring Mid-Level issues and established the initial framework to guide the development of the MIDS Option Program at CSU and with respect to transfer agreements at partner community college institutions. This panel continues to serve other programs as resource consultants in identifying courses/experiences that meet specific standards for MS teacher candidates.
NMSA Accredited MIDS Option Program

- **Summer 2001**
  - Proposed the Framework
- **Fall 2001**
  - Program Approved
  - New Curriculum developed/revised:
    - Science (6), Math (4), Tech & ED (5), Professional Education (15)
- **Fall 2002**
  - Effective date for new and transfer students
- **Spring 2003**
  - Awarded Full Accreditation from the National Middle School Association (Specialty Professional Association) as part of the NCATE accreditation review.
  - New Curriculum developed/revised:
    - Science (2), Math (2), English (2), Geography (2), Economics (1)
- **Spring 2004**
  - First student graduates

MIDS Program Stats

<table>
<thead>
<tr>
<th>Category</th>
<th>Number</th>
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<tr>
<td>MIDS cohort program CC students</td>
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<td>Middle School Students served by cohort</td>
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<td>MIDS cohort service hours (tutoring/assistance)</td>
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<td>CC non-transfer students by Spring 2003</td>
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<td>Native CSU MIDS majors as of Spring 2003</td>
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<tr>
<td>CC MIDS cohort transfer students by Fall 2003</td>
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<tr>
<td>Projected student enrollment by Summer 2004</td>
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NMSA Accredited MS Option Program

- **Course Implementation**
  - “First Time” MIDS Courses Offered Fall 2001
    - ELF 344/G: History, Philosophy, & Methods for Middle School Teachers
    - PSYC 377/G: Adolescent Psychology
  - “First Time” MIDS Courses Offered Summer 2002
    - MATH 305/G: Geometry for Middle School Teachers
  - “First Time” MIDS Courses Offered Fall 2002
    - MATH 306/G: Algebra for Middle School Teachers
  - “First Time” MIDS Courses Offered Spring 2003
    - MIDS 201: Standards-based Exploration of Social Studies Standards
    - PH Sci 210: Practical Physics 1 for Middle School Teachers
    - MATH 307/G: History of Math for Middle School Teachers
    - “First Time” MIDS Courses Offered Summer 2003
      - Econ 100: U.S. Economy
      - “First Time” MIDS Courses Offered Fall 2003
        - MIDS 201: Standards-based Exploration of Mathematics Standards
        - PH Sci 213: Practical Chemistry II for Middle School Teachers
        - MIDS 310/315/320/325/330: Methods for Middle School Teachers

Project Goals

- **Goal 2**: Improve the knowledge and skills of middle-grade teachers....
  - Objective 2.2: Design or redesign standards-based … curriculum and assessments ....
    - Activity 2: Baccalaureate completion and web-accessible courses
    - Activity 1: Content and skill modules for professional development
  - TQE partners are identifying, developing, and testing module topics via their classes and through the partner MIDS teacher team. A few courses have been targeted for a totally online experience. In keeping with our COE conceptual framework, many will become unique models as web-enhanced coursework modules. The level of development is a continuum depending on the higher education faculty individual technology-readiness level.

- **Goal 2**: Improve the knowledge and skills of middle-grade teachers....
  - Objective 2.2: Design or redesign standards-based … curriculum and assessments ....
    - Activity 5: Statewide partnership activities
  - TQE partner faculty are serving on a number of panels for ISBE and IBHE. They were chosen, in part, because of their newly developed expertise at the Mid-level or because their content expertise is recognized to be of value. The community college higher education voice is particularly being tapped. Service includes ICTS exam panels, standards validation panels, technology panels....
Project Goals

- Goal 2: Improve the knowledge and skills of middle-grade teachers...
- Objective 2.3: Develop the Middle-Grade Leadership Academy to provide hands-on, on-site clinical and other professional development for higher education faculty, in collaboration with middle-grade educators.
  - Activity 1: Design clinical experiences for higher education faculty

✓ We have held the TQE Middle School Leadership Academy I and II and are planning the TQE MS LA III. We have visited local schools in virtual and real settings. We also have a number of Middle School Teachers who host faculty at their sites, are willing to field test lessons, and contribute to the curriculum design process.

Activity 1: Design clinical experiences for higher education faculty

Higher Education Faculty Brainstorming Ideas on Mid-Level Issues

Middle School Student Lab

Project Goals

- Goal 3: Develop and implement recruitment activities to increase the supply of effective middle-grade teachers, with initial priority on high-poverty urban and rural areas.
- Objective 3.1: Expand the comprehensive data analysis system to identify teacher shortage and high-need areas in the middle grades.
  - Activity 1: Convene a Data Warehouse task force
  - Activity 2: Create and fund a P-16 research council: The Illinois Education Research Council (IERC) was funded to further Illinois’ P-16 efforts.
  - Activity 3: Conduct research and research mapping

✓ This task is being handled by IBHE/ISBE/IERC.
**Project Goals**

- **Goal 3:** Develop and implement recruitment activities....
  - Objective 3.2: Identify and/or design and replicate successful, comprehensive recruitment models for increasing the number of candidates for middle-grade teacher preparation in high-poverty urban and rural areas, including Empowerment Zones and Enterprise Communities.
    - Activity 1: Convene a Recruitment Panel
    - Activity 2: Survey best practices for hard-to-staff schools
    - Activity 3: Develop a summary report on recruitment strategies
    - Activity 4: Improve incentives for recruiting teacher candidates

- **Activity 1:** Convene a Recruitment Panel
- **Activity 2:** Survey best practices for hard-to-staff schools
- **Activity 3:** Develop a summary report on recruitment strategies
- **Activity 4:** Improve incentives for recruiting teacher candidates

**Tasks Accomplished**

- **MS Cohort Started**
  - Kennedy/King—Fall 2001
  - Malcolm X—Fall 2001
  - Olive Harvey—Spring 2002
  - Other partners—ASAP
- **Collegiate Middle School Association:** CC/CSU chapter
  - Founded Spring 2002

**Future Endeavors**

- **Meet Partner Technology Needs**
  - Offer technology workshops throughout the year
  - Assemble smart classrooms for CC clusters
  - Support technical development
- **Web-enhanced courses**
  - Analogous course shells at CSU & CC’s
- **Online-courses**
  - Identify and Upload
  - Ongoing professional development for CC and University faculty
- **Leadership Academy III---June 2003**
  - Plan to have overlapping advanced and novice sections to create modules for classrooms and for professional development.
Future Endeavors

- Develop new modules
- Refine courses already developed
- Prepare appropriate assessment plans
- Expand course development
  - Language Arts/English/Writing/Speech
  - Tech & Ed
  - Professional Ed courses
  - Concentration courses

Future Endeavors

- Continue solving transfer/AAT issues
- Form Co-teaching Partnerships
- Offer orientation/review for potential transfer students to prepare for CSU’s entrance exams in English and Mathematics
- Initiate new partnerships with MS teachers via PPTL-SMTEC