Announcement
2006 SUMMER FELLOWSHIP PROGRAM

Purpose
The Summer Fellowship Program is a professional development opportunity that supports faculty in the redesign of existing courses. Teaching is at the core of Mesa State's mission, and the faculty provides a challenging undergraduate curriculum. Yet the college offers a significant proportion of courses to students needing academic assistance, particularly in general education courses. These courses can be defined as high-risk.[1] The Mesa State Summer Fellowship Program is designed to support the enhancement of teaching and learning in high-risk courses through the development of promising, new approaches and/or innovative instructional materials that are most likely to contribute to student success, measured either in terms of academic achievement or retention.

As listed at the end of this announcement, Mesa State offered approximately 85 "high-risk" courses in fall 2005, of which 35 were in general education.[1] While proposals in support of improvement of any undergraduate course will be considered, proposals that support teaching activities that improve student learning in a high-risk course are of particular interest. Teaching enhancements may take many forms, such as the development of training modules or other types of learning resources, as well as the integration of technology that incorporates good teaching practice into courses. More specific examples of projects can include, but are not limited to, the following:

- ***Mastery Learning***
  Redesigned courses that add flexibility for students but are not self-paced. Student progress is organized by the need to master specific learning objectives according to a scheduled end date for completion.
- ***Continuous Assessment and Feedback***
  Computer-based assessments and feedback that enable both repetition and frequent feedback, techniques that research consistently has proven to enhance learning. Automated grading of homework exercises and problems, low-stakes quizzes, as well as exams can increase the level of student feedback.
- ***Online Tutorials***
  Interactive tutorials and exercises that give students needed practice and support greater engagement, enabling students to access information as often as needed.
- ***Increased Interaction among Students***
  Courses that are restructured to increase discussion among students.

Funding
$5,000 is the maximum amount that may be requested for a proposal. Projects must be sustainable beyond this funding source. Up to 10 proposals will be funded through this competition.

Eligibility
Applicant must be a current full-time faculty member (including those with an appointment of 0.8) at Mesa State College. Individuals or groups may apply, but one applicant should be designated as the principal investigator.

[1]A high-risk course is defined as a course (excluding individualized instruction) having an enrollment of more than 10 students and where at least 30% of its students were assigned grades of 'D,' 'F,' or 'W.' See attached list.

Proposal Content (Note: Incomplete proposals will not be considered for funding.)

I. Title page should contain the following:

- Proposal Title
- Names of Applicant(s)
- Academic Program

II. Body of proposal should contain the following:

- Problem Statement
- Project objectives and expected outcomes
- Rationale for why this project will address student success and/or retention
- Timeline for project (if activity needs to extend beyond summer
- Method for evaluating project's success
- Sustainability of the project
- Attached letter of support from applicant's department head

III. Budget Request

- Personnel costs. Maximum available is $4,000 stipend per proposal. An additional 12.85% is budgeted for benefits by the Office of Academic Affairs and not included in the stipend. Faculty will be paid the Summer Fellows stipend in two installments: 75% on May 31 and the remaining 25% on September 30, with the submission of a summary of the project's preliminary accomplishments due on September 15, 2006.
- Operating expenses (including equipment, supplies, software and other technical support, materials to be purchased and/or developed). Up to $1,000 is available to support project expenses, and the project investigator is responsible for complying with state purchasing requirements.
- Sources and amount of outside funding/support available as matching (if applicable).
- Special considerations (if applicable).

Submission and Deadlines

Proposals must be submitted electronically to the Vice President for Academic and Student Affairs by April 7, 2006, with the notation "Summer Fellowship Application" in the subject line. Summer Fellows will be notified of the results by April 27, 2006. Purchases for funded proposals involving software/ technology will require approval from the Office of Information Technology before a purchase request is approved.

Each Fellow must submit a written summary of the project's accomplishments over the summer, due to the Office of Academic Affairs by September 15, 2006. The preliminary effects of the project on student success should be monitored during the fall semester and summarized in a report to the Office of Academic Affairs by January 15, 2007. Prior to implementation of the redesigned course materials and the evaluation and/or comparison of student performance, Fellows must secure approval of their activities from the Institutional Review Board (IRB). Please check with Cindy Lueb in the Office of Sponsored Programs for IRB information. Results will be shared with the campus community in an issue of *MavConnections*.

Primary Review Criteria

Among the review criteria, proposals will be evaluated on the degree to which the project

- is clearly articulated;
- demonstrates a high probability that the project will enhance student success;
- can be applied to other instructional areas;
- is likely to be completed in the time specified;
- supports student success in a high-risk course;
- can be sustained beyond the funding period.

MESA STATE HIGH-RISK COURSES
Fall 2005

COURSE	ENROLLED	NOPASS	PCT_NO
ACCT201	114	48	42.11%
ANTH222	58	19	32.76%
BIOL105	95	35	36.84%
BIOL105L	92	36	39.13%
BIOL107	39	13	33.33%
BIOL406	12	4	33.33%
BIOL483	14	6	42.86%
BUGB101	127	57	44.88%
CADT101	32	10	31.25%
CADT106	33	10	30.30%
CADT106L	33	10	30.30%
CADT108	23	8	34.78%
CADT108L	23	8	34.78%
CHEM121	66	33	50.00%
CHEM121L	60	19	31.67%
CHEM131	139	48	34.53%
CISB210	13	4	30.77%
CSCI100	35	13	37.14%
CSCI106	97	31	31.96%
CSCI110	16	5	31.25%
CSCI110L	11	4	36.36%
CSCI111	25	10	40.00%
CUAR122	30	9	30.00%
CUAR131	30	11	36.67%
CUAR132	30	14	46.67%
CUAR133	30	13	43.33%
CUAR134	30	11	36.67%
CUAR141	30	15	50.00%
CUAR142	30	14	46.67%
CUAR143	30	16	53.33%
CUAR144	30	13	43.33%
CUAR155	31	12	38.71%
CUAR162	28	11	39.29%
CUAR256	16	5	31.25%
CUAR299	27	16	59.26%
ECON342	13	6	46.15%
EDEC148	11	6	54.55%
EDEC220	16	5	31.25%
ENGL090	434	151	34.79%
ENGL131	52	22	42.31%
ENGL150	163	49	30.06%
ENGL254	28	10	35.71%
ENGL262	19	9	47.37%

COURSE	ENROLLED	NOPASS	PCT_NO
ENVS101	49	19	38.78%
ENVS110	23	12	52.17%
FLAS111	443	140	31.60%
FLAS112	161	60	37.27%
FLAS117	60	22	36.67%
FLAS211	43	13	30.23%
FLAS212	23	9	39.13%
GEOG103	219	89	40.64%
GEOL111	127	40	31.50%
GEOL301	19	6	31.58%
GEOL301L	19	6	31.58%
HIST101	334	145	43.41%
HIST102	89	28	31.46%
HIST131	394	160	40.61%
HIST132	84	31	36.90%
HPWA297	21	8	38.10%
MAMT207	12	4	33.33%
MATH090	452	272	60.18%
MATH091	375	223	59.47%
MATH110	223	78	34.98%
MATH113	499	248	49.70%
MATH119	67	28	41.79%
MATH130	16	7	43.75%
MATH151	79	33	41.77%
MATH240	11	5	45.45%
MATH253	23	9	39.13%
OFAD101	11	4	36.36%
PHIL110	30	14	46.67%
PHIL375	21	10	47.62%
POLS101	239	84	35.15%
POLS310	19	7	36.84%
PSYC150	477	147	30.82%
PSYC414	32	11	34.38%
SOCI310	34	11	32.35%
SOCO144	180	78	43.33%
STAT200	291	164	56.36%
THEA117	14	7	50.00%
TSTD215	13	4	30.77%
UTEC107	66	20	30.30%
UTEC120	19	7	36.84%