SABBATICAL & FACULTY DEVELOPMENT GRANT
FALL 2011
FINAL REPORT

PROJECT TITLE

**A READING OF THE THEORY OF LIFE CONTINGENCY
MODELS: A PREPARATION FOR EXAM MLC/3L**

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RESTATEMENT OF CREATIVE WORK

The purpose of the project is to author a book that discusses life contingency models. These models are basically studied by insurance companies to determine the risk associated with an applicant and based on such a risk a premium is determined.

The manuscript will be used by professionals and students to prepare for the actuarial exam MLC/3L of the Society of Actuaries and the Casualty Actuarial Society. The manuscript can also be used by educators in the field of actuarial mathematics and Finance.

BRIEF REVIEW OF PROCEDURE USED

The manuscript has been written based on several reference books in the field together with a list of MLC previous exams provided by the Society of Actuaries.

SUMMARY OF CREATIVE WORK

The manuscript has been accomplished. It consists of about 800 pages. The manuscript has been posted on the website

http://faculty.atu.edu/mfinan/actuaries.html

for public review. At the time of writing the report, the book has been a subject of discussion on actuarial forums. Permission of use of the manuscript by educators in the classroom has been requested by some universities. Also, correspondence from students and professionals have been received about the manuscript.