

Instructions:

- **Follow the format and address the questions as provided. Before you begin, you should review the Chevron Sponsored Research Program materials available at: <http://oe.mit.edu/content/category/4/75/182/> or by email request from mistetri@mit.edu.**
- **DO NOT EXCEED 3 PAGES (not including figures and graphics, which are highly encouraged)**
- **Maximum file size is 3MB. You may submit as a pdf.**
- **Please use this format to name your file: PILastName_07.**
- **Submit cover sheet and proposal electronically by noon on Thursday November 8, 2007 to mistetri@mit.edu with copy to lewisjb@MIT.EDU. You will receive an email confirmation. If you do not receive a confirming email within a day of submission, please contact Michael Triantafyllou at extension 3-9614.**

MIT ENERGY INITIATIVE

Center for Ocean Engineering

CHEVRON-MIT University Partnership Program

Proposal Cover Sheet

September 2007

NOTE THAT, DEPENDING ON RELEVANCE AND ESTABLISHED COLLABORATIONS WITH CHEVRON, A PROJECT MAY BE FUNDED AT THE PROJECT LEVEL (\$130 - \$180K per year for 2 to 3 years), OR AT THE SEED-LEVEL (\$45-\$80K for one year)

Project Title:

Proposal Level (Project/Seedling):

Total funds requested:

Information for Principal Investigator:

Department:

Email:

Phone:

MIT address:

Proposed duration of funding:

Investigator Data

	First Name	Last Name	Department	School (Engng/Sci ence)	Fac. (Y/N)
PI					
Co-I 1					
Co-I 2					
Co-I 3					

Other Key Participants

Name	Organization / Affiliation	Email
Full Name		

Contacts made with Chevron personnel to generate/expand ideas for this proposal.

Name	Organization / Affiliation	Email

PROJECT TITLE HERE

PI First & Last Name

Fall 2007

Long Range Goal

[In one sentence what you expect to be the significant outcome of this project]

Overview

[Brief overview of the research topic you plan to address]

Proposed Research (see next page for details)

[Describe the proposed research topic following the specific instructions. This should be at a level that can be understood by someone only moderately familiar with the field. Also, briefly describe your research strategy.]

Deliverables

[List in a short paragraph the expected deliverables that you propose to achieve *within the proposed time line of the project.*]

Collaborations

[Will this work involve collaborations? If so, please identify the collaborator(s) and their past, present or future role in this work. In particular, discuss possible collaboration with Chevron personnel]

Related Funding

[Have you sought other sources of funding? Please identify other sources of funding that have or might be used to co-fund this work.]

Resources and Budget

[Approximately what resources (people, equipment) do you require to complete the project? *Grants* are expected to range from \$45K to \$180K per year. ***This total must include standard Institute F&A for sponsored research.***]

RPSEA Funding

[Please specify whether you wish to have this proposal also considered for RPSEA funding]

FOR THE SECTION PROPOSED RESEARCH, PLEASE ANSWER THE FOLLOWING QUESTIONS IN SHORT PARAGRAPHS

1. How does the problem address the grand challenge: *Remote, ultra-deepwater oil and gas development and production*? Does it address one of the primary topics identified?
2. Which specific problem are we solving? What are we trying to achieve with respect to this problem?
3. How is it done today? What are the limiting factors and technologies?
4. What is new in our approach to the problem? Why do we think our approach will work?
5. If our approach is successful, why do we think it makes a difference? What is the added value? How do you capture this value? How do you deploy this technology, i.e. how to you get this to industry?
6. How much time it will take to accomplish this work, how much money it will need, what kind of resources it will employ? For the mid-term success evaluation and the final-term evaluation, what are the questions to be answered/ metrics of success?