

## **FracMan Academic License Program**

FracMan Technology Group

Golder Associates Inc

<http://www.fracman.com>

The FracMan discrete fracture network (DFN) analysis approach provides a unique set of tools with potential benefits to oil, civil, mining, and environmental projects. To help the DFN approach reach this potential, Golder Associates supports research and teaching of DFN approaches through partnerships with academic and research institutions worldwide. Current active partners include MIT, Imperial College, Colorado School of Mines, Utah State University, the Weizmann Institute, and Chalmers University.

Golder Associates invites qualified academic and research institutions to join this effort through the FracMan Academic Licensing Program. The FracMan Academic Licensing Program provides free or reduced cost FracMan software licenses to academic institutions. Licenses are provided for non-commercial teaching and research projects where license fees would otherwise present an impediment to the use of DFN technologies.

Academic licenses are for one-year periods. The license to use the software is a legal contract that binds the university and the licensee to honor and enforce its provisions for software use. To obtain an academic license we require a letter from the supervising faculty member on university letterhead stating:

- (1) The teaching or research uses of the software. We ask that this description refer to specific projects, researchers and students, or to specific courses of study as the license will contain these restrictions.
- (2) If the research is funded please name the sponsor, the funding levels, and why the payment of license fees would preclude the use of the software on the project.
- (3) Agreement to clearly acknowledge Golder Associates support in reports and presentations of work that uses the software.
- (4) Agreement to control software installation and distribution to prevent usage outside of the license terms.

Academic licenses for FracMan codes apply only to the projects specified in the license agreement. The license prohibits all other uses, even if for non-commercial purposes. To use the software for additional purposes outside those stated in the license agreement, the applicant needs to send us a description of the additional uses, and we will prepare a revised license agreement.

When preparing proposals for research, please contact us to negotiate the fee arrangements rather than assume the software is automatically available free of charge to academics. Also Golder Associates retains the right to revoke academic licenses at its own discretion without liability to the licensee.