

the **Center**  for **Ethics**
— in Science & Technology —

Exploring Ethics: The Science and Ethics Forum

An ongoing series of free, public events jointly sponsored by
the Center for Ethics in Science and Technology (Ethics Center) and the Reuben H. Fleet Science Center

**Science for Human Rights:
Quantitative Methods for Security and Humanitarian Aid**

Eric L. Michelsen
University of California, San Diego



Wednesday, April 6th, 2011
5:30 p.m.—7:00 p.m.
Reuben H. Fleet Science Center, Balboa Park

Recent technological advances in information gathering and processing have been successfully used to defend people against abuses, and to direct aid where it can be most effective. Virtually all of the technology now used for Human Rights was developed for vastly different purposes. The suitability of the technology for improving human conditions is yet another example of how application of science expands beyond the purposes envisioned by its developers. This presentation describes some of the methods in use today, covering three general areas of Research and Information Gathering, Computational Tools, and Data Visualization. Specific topics include satellite imaging, crowd sourcing, artificial intelligence, automated image analysis, alternative data sources, quantitative models of forced migration, and geospatial mapping.

Exploring Ethics forums are free and open to the public.

Please register here:
<http://humanrightsmichelsen.eventbrite.com/>

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