Paid Summer Research Opportunities!

Announcement of 2003-04 HERO Summer Fellowships at Clark University

- **WHO**: Undergraduate Students of any discipline enrolled in an accredited New England college.

- **WHAT**: Data collection/analysis of human-environmental relations at local & small regional scale linked to research at Clark & 3 other universities (Penn State, Kansas State, and Arizona).

- **WHEN**: Application due **March 3**. Information session **7:00 PM, Feb. 26** at J.K.Wright Computer Lab (on the ground floor of the Geography Building at Clark University).

- **DETAIL**: [http://www.clarku.edu/departments/hero](http://www.clarku.edu/departments/hero) [http://hero.geog.psu.edu](http://hero.geog.psu.edu)

- **CONTACT**: Ke Chen, Ph.D.

  CM-HERO Project Office
  The George Perkins Marsh Institute
  Main Street 950, Worcester, 01610
  Tel: (508) 751-4641
  E-Mail: kchen@clarku.edu
The George Perkins Marsh Institute announces 2003-04 summer fellowship openings with the Human-Environmental Research Observatory-Central Massachusetts (HERO-CM). Clark is one of the four regional sites of the national HERO Network sponsored by the National Science Foundation. One main objective of the CM-HERO is to create a long-term spatial database for long-term human-environment monitoring at local and small regional scale through sustained undergraduate effort. The central HERO-CM theme is land-cover & land use change and its implications for watersheds. Ancillary themes include, but are not limited to: brownfields, suburban sprawl, forest fragmentation, and carbon sequestration.

We are looking for a group of highly motivated undergraduate students, who are enrolled at any colleges (including Clark) in New England. Fellows are paid for eight weeks. Beginning in June 4, 2003, Fellows will commit themselves to following activities: (1) collect data pertinent to HERO-CM research themes based on individual research interest; (2) enroll in a yearlong HERO research course (beginning from fall) to develop a thesis under the supervision of a faculty advisor; (3) give presentation at Clark Fall Fest (in late fall) and Academic Spree Day (in late spring). In addition to above requirements, Fellows selected as REUs (standing for Research Experience for Undergraduates) will attend a two weeks workshop to be held at Penn State University from June 8 to June 22.

HERO-CM creates rich learning opportunities, especially for those interested in research on human-environmental relations using quantitative models, geographic informational systems, and remote sensing techniques. For selected HERO fellows, HERO-CM offers research funds, one-on-one advising, as well as an interdisciplinary, stimulating environment and high expectations. HERO-CM provides support for faculty members who are interested in developing collaborative project with undergraduates. It also facilitates graduate students who seek to pursue a research agenda with outstanding undergraduates with common interest. Applicants are strongly encouraged to seek out a prospective faculty mentor prior to submitting applications.

Fellows’ selection will be based on environmental interests, academic achievements and research experience. Students from all majors will be considered, and some combination of the following skills/background is preferred but not required: watershed monitoring, brownfield analysis, GIS, remote sensing, quantitative methods, web design, or some other skills appropriate for the topics of study.

Application forms may be obtained online at http://www.clarku.edu/departments/hero/application. An information session on the program is planned at 7:00 PM on Feb. 26 in J.K.Wright Computer Lab on the ground floor of Clark Geography Building for those intending to apply.

Application is due March 3. Selections will be made by March 20. Confirmation of acceptance is requested by March 26.

Send applications including (unofficial) transcript(s), name of two faculty references and a personal letter stating personal environmental interest and research experience to:

Ke Chen, Ph.D.
CM-HERO Project Office
The George Perkins Marsh Institute
Main Street 950, Worcester, 01610
Tel: (508) 751-4641
E-Mail: kchen@clarku.edu
Http://www.clarku.edu/departments/hero
http://hero.geog.psu.edu