

**CE797 (call no. 20606-1) – UCGIS Virtual GIS Seminar**  
**Syllabus – Fall Quarter 2002**  
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*Course Description:* The UCGIS (University Consortium for Geographic Information Science) Virtual Seminar is given every other year with the main goal of providing a seminar for discussing GIScience research topics. This Virtual Seminar, by design, will have three sequential special topics. The special topics will be divided between "beginner" and "researcher" threads. Hopefully, these changes will provide greater coverage of the special topics. Special topics will start on September 23 and finish on December 6. 2 credits.

*Office Hours:* Mon, Wed, Fri: 9:30-10:30 A.M. Also, appointments can be scheduled.

*Prerequisites:* Graduate student or Senior-level standing.

*Requirements:*

Students are expected to actively participate in each class discussion topic via the Discussion Board on the web. In addition, a 5-page paper on each topic paper will be required.

*Grading:*

Grading will be based on class participation (25%) and the three papers (75%).

*Lectures:*

September 23 - October 18: "Mapping Disease Rates: Analyzing Small Area Variation" by Gerard Rushton, University of Iowa and Arthur Getis, San Diego State University.

First Reading (beginner and researcher threads combined): A Geographic analysis of prostate cancer mortality in the United States, 1970–89, by Ahmedin Jemal, Martin Kulldorff, Susan S. Devesa, Richard B. Hayes and Joseph F. Fraumeni, Jr., in *Int. J. Cancer*: 101, 168–174 (2002).

October 14 - November 8: "Theories of Geographic Information" by E. Lynn Usery, University of Georgia

November 4 - December 6: "Spatial Modeling of Biophysical Phenomena: Multi-scale Representation of Soil Geographical Data" by Stephen DeGloria, Cornell University