

## University of California

Agriculture and Natural Resources

### POSITION VACANCY ANNOUNCEMENT

**University of California Cooperative Extension  
IGIS Statewide Program Coordinator  
Academic Coordinator III  
AP #13-28**

**Location Headquarters: Davis or Berkeley, California**

**CLOSING DATE: To assure full consideration, application packets must be received by April 27, 2015 (open until filled)**

#### **BACKGROUND AND PURPOSE:**

The University of California, Division of Agriculture and Natural Resources, a statewide program with local development and delivery, is seeking a Statewide Program Coordinator for the Informatics and Geographic Information Systems (IGIS). The Program Coordinator will facilitate IGIS research and outreach in ecological informatics and geographic information science through support in developing web-based data frameworks for sharing and integrating data such as APIs, developing algorithms enabling novel combinations of environmental datasets, and testing of data driven research hypotheses. The position requires a highly specialized academic providing vision and leadership on IGIS data resources that will serve multiple scientific constituencies at the state and national level. These data resources include: sensor networks from the Research and Extension system including ANRFlux, ecological datasets from ANR researchers, and other relevant existing statewide research databases.

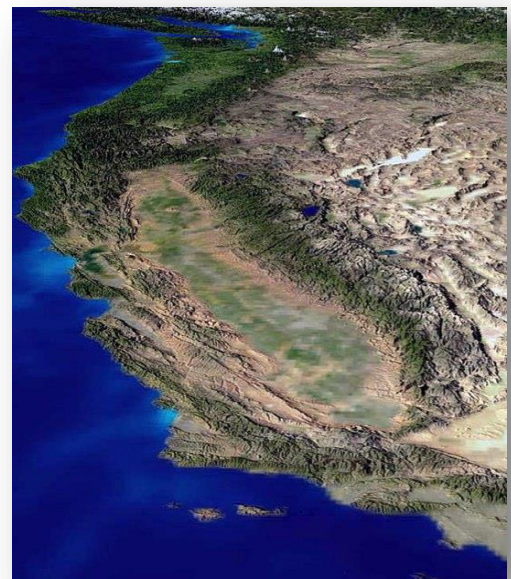
The UC ANR Strategic Vision guides our priorities in research, education, service, and resource allocation. The Strategic Vision is available at:

[http://ucanr.edu/About ANR/Strategic Vision/](http://ucanr.edu/About_ANR/Strategic_Vision/).

UC ANR is a network of colleagues with a focus on research, education programs, and outreach to resolve local challenges in communities where they live and work.

#### **MAJOR DUTIES AND RESPONSIBILITIES:**

- Provide coordination for the regular activities of the IGIS Statewide Program.
- Assess the Division's data and informatics needs related to Strategic Vision and initiatives.
- Provide professional knowledge and research support to IGIS, including:



- a. Coordinate with researchers to integrate and use existing and new datasets;
  - b. Coordinate with researchers to find extramural funding for research;
  - c. In concert with statewide researchers, develop methods to realize research potential of ANR research data;
  - d. Develop novel ways to share existing datasets through APIs and other methods;
  - e. Develop frameworks for effectively managing and using ecological information;
  - f. Coordinate with CSIT programmers in managing ANR research data (e.g. from REC sensor networks, from REC research projects, etc.)
  - g. Provide training for ANR on data informatics; and
  - h. Participate in scholarly contributions where possible.
- Maintain professional competency in ecological informatics and geographic information science to provide the skills to perform the above duties and responsibilities.
  - Participate in professional organizations.
  - Maintain a program of continuous self-improvement by participating in in-service training, seminars, workshops, work group & program team meetings, short courses, professional society meetings and other relevant opportunities.
  - Actively advocate for IGIS program awareness and support.

**PROGRAM LEADERSHIP:**

- *Leadership:* Provide vision, inspire, and motivate others with attitude and actions across many programs serving multiple constituencies across the state; sets a high standard for excellence; innovate and foster positive change; model and support a good team working environment; and is open to exploring new ideas and innovative changes, and providing active, ongoing advocacy and support for ANR programs. Extensive involvement in IGIS budgetary decisions and budget preparation.
- *Local Delivery of Statewide Programs:* Represents IGIS locally in professional manner; ensures clientele needs are assessed, supports the development of IGIS goals in alignment with ANR's statewide Strategic Vision and initiatives; oversees delivery of IGIS tools, data and training at the local level for projects and objectives that have a division-wide application; works with staff to ensure that outcomes and impacts are measured and communicated; and interacts with UC ANR Program Teams, specialists and others within the research/extension continuum to develop, strengthen and expand the local delivery of IGIS resources.
- *Interpersonal Relationships:* Is an effective listener and communicator; takes responsibility for his/her own actions; motivates others; keeps commitments; and cultivates political and industry support for IGIS. This is an independent position, report to the Director of the IGIS Statewide Program.
- *Academic, Research, and Administrative Staff:* Demonstrates concern for all staff; effectively integrates with all IGIS personnel including making effective use of staff expertise to strengthen the team; and invests in improving all staff expertise and supports professional development.

**RELATIONSHIPS:** The position is administratively responsible to the Director of the IGIS Statewide Program.

**AFFIRMATIVE ACTION:** An understanding of and commitment to UC ANR's affirmative action goals and commitments is expected of all academic members.

## **EDUCATION AND EXPERIENCE:**

### **Minimum and Required Qualifications:**

- A PhD Degree in Ecology, Geography, Agriculture, Statistics, or an appropriate related field with experience in data science and/or geographic information sciences is required.
- Experience synthesizing large ecological or socio-ecological datasets and using them in complex local and statewide research projects is required.
- Experience developing research projects is required.
- Experience using GIS and remote sensing software is required.
- Experience developing web-based data infrastructures such as APIs is preferred. Specialty and/or professional experience must demonstrate capacity or potential to accomplish team-based research and education programs consistent with the values of Cooperative Extension and meeting IGIS goals.
- Strong leadership, administration, and management skills.
- Excellent written, oral and interpersonal skills.

### **Preferred Qualifications:**

- Experience with or knowledge of Cooperative Extension.
- Familiarity and experience with web-based data frameworks such as APIs in support of research and education programs.
- Ability to develop and complete research projects related to agriculture, ecology, climate change.
- The ability to communicate and extend technical information in an understandable manner.
- The ability to effectively and productively interact with multiple researchers and stakeholders.
- Knowledge of human relations is required including the ability to work with people with a diversity of views and values, to motivate people and adapt to changing situations.

**SALARY:** Beginning salary will be in the Academic Coordinator III Rank and commensurate with applicable experience and professional qualifications. For information regarding the Academic Coordinator salary scales, please refer to the University of California website:

<http://ucanr.edu/sites/anrstaff/files/187038.pdf> (Table 36-Academic Coordinator III)

The Academic Coordinator III position is a three year renewable term appointment. Prior to the completion of the initial appointment, the position and the incumbent's performance will be reviewed. If the review reflects a continuing need for the position and the incumbent's performance is judged to be of high quality, our intention is to offer a second term appointment of three years, subject to renewal based on the same criteria.

**BENEFITS:** The University of California offers comprehensive benefits including two days per month paid vacation, one day per month paid sick leave, and approximately thirteen paid holidays per year. ANR is part of UC's Family-Friendly Policies. A variety of health and dental insurance plans are available, with employer contributions to the premiums. In addition, the University provides basic life and disability insurance, which may be supplemented at group rates. Workers' Compensation Insurance is provided. An excellent UC Retirement System is coordinated with

social security, and optional annuity plans may supplement retirement. Automobile insurance is available. For more information, refer to the UC Benefits website at: For more information, refer to the UC Benefits website at: <http://ucnet.universityofcalifornia.edu/>

**HOW TO APPLY:** To be considered, applicants must submit electronically the following four components of the Application Packet to [anracademicsearch@ucop.edu](mailto:anracademicsearch@ucop.edu)

1. Cover Letter
- 2 ANR Academic Application Form— from the ANR website at: <http://ucanr.edu/academicapplication>

Please include a list of potential references. If you are selected for an interview, the search committee will contact the references you listed on the UC ANR application form (a minimum of four (4) and a maximum of six (6) names, current addresses, phone numbers and email addresses). Please do not send letters of reference.

3. Curriculum Vitae or Resume
4. College Level Transcripts: Only electronic transcripts or legible photocopies of original transcripts will be accepted.

**Application and associated materials will not be returned to the applicant.**

A search committee will review all applications, interview candidates, and recommend individuals most suitable for the position.

**For information regarding this position, please contact:**

*University of California  
Office of the President  
Pat Harrigan  
patricia.harrigan@ucop.edu  
E-mail Address: [ANRacademicsearch@ucop.edu](mailto:ANRacademicsearch@ucop.edu)  
Internet: <http://www.ucanr.edu/jobs>*

**PLEASE REFER TO POSITION NUMBER AP #13-28 IN ALL CORRESPONDENCE**

The University of California is an Equal Opportunity/Affirmative Action Employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, national origin, disability, age or protected veteran status.

As of January 1, 2014, ANR is a smoke- and tobacco-free environment in which smoking, the use of smokeless tobacco products, and the use of unregulated nicotine products (e-cigarettes), is strictly prohibited.