

University of California

Agriculture and Natural Resources

POSITION VACANCY ANNOUNCEMENT

University of California Cooperative Extension Division of Agriculture and Natural Resources

Area IPM Advisor, Urban Entomology
Headquartered in Los Angeles County

AP #14-09

Location Headquarters: Los Angeles County, Alhambra, California

CLOSING DATE: To assure full consideration, application packets must be received by January 3, 2015 (open until filled)

NATURE AND PURPOSE:

The University of California, Division of Agriculture and Natural Resources, a statewide program with local development and delivery, is seeking a Cooperative Extension advisor to conduct a multi-county-based extension, education and applied research program to address urban pests. Integrated Pest Management (IPM) combines available pest management technologies including cultural, chemical, and biological controls plus ecology and systems science with the goal of producing an ecologically and economically sound pest management system. IPM stresses an interdisciplinary approach to the science and practice of pest management.

The UC Cooperative Extension Area IPM Advisor will facilitate interactions and information exchange among campus based academics, CE advisors and community stakeholders. The purpose of the position is to initiate, coordinate, and/or conduct adaptive research projects and educational programs with the goal of implementing IPM for public and private structures including schools, homes, restaurants, institutions, businesses, and public housing. This position will address issues related to damage from structural pests such as drywood or subterranean termites and nuisance or public health pests such as ants, bedbugs, fleas, yellowjackets, and cockroaches. This work will be done in cooperation with UC Advisors, Cooperative Extension Specialists, Experiment Station academics, pest control advisers (PCAs), structural pest management professionals (PMPs), and public agencies, including public housing, schools, parks, and regulatory agencies. The Area IPM Advisor will also work with regulatory agencies as a point of contact to assist in developing outreach information,



treatment protocols, and researching mitigation methods for pests.

The successful candidate's program should focus on the evaluation of existing or relevant pest structural pest management practices and the development of innovative approaches for pest management to both optimize protection of structures and human health and minimize adverse environmental impact. Candidates will be evaluated on their demonstrated ability or experience in structural pest management and their understanding of urban and community IPM research and extension methodologies. Landscape pest management experience as it relates to pests invading structures is also desirable.

The Area IPM Advisor will be an academic member of the University of California Statewide Integrated Pest Management Program. As an academic employee in Cooperative Extension, the individual is responsible for performance in: extending knowledge and information; applied research and creative activity; professional competence and activity; and University and public service. For more information about the Statewide IPM Program, visit the web site at: <http://www.ipm.ucanr.edu/>. The Statewide IPM Program provides essential infrastructure support for implementing IPM including educational materials, training and web based services.

EXTENSION:

Outreach methods will include individual consultations, field days, tours, meetings, web conferences, ANR publications, peer-reviewed journals, and an appropriate mix of contemporary and emerging electronic tools such as online learning, web content systems and repositories, social media, impact and evaluation tools, along with specialized and public media outlets. Programs will be developed and carried out in collaboration with other ANR academics as well as related government and private Industries in Los Angeles County. The IPM advisor will work with a wide diversity of colleagues and clientele including local Advisors, ANR faculty and Specialists, public agency personnel, pest management professionals, business and professional groups to research, demonstrate and extend information related to managing pests in structures and public areas. Key activities include

- Coordinate with local public agencies, pest management professional groups (such as PCOC), the UC IPM Program and faculty and CE Specialists at the UCR and UCB Urban Pest Management Centers to develop, implement and participate in train-the-trainer programs and hands-on workshops for urban pest managers.
- Initiate, coordinate or participate in projects that demonstrate IPM practices to local audiences related to managing pests in structures including homes, schools, multi-family buildings.
- Work with UC IPM Program headquarters staff to assist in the development of IPM manuals, Pest Management Guidelines, Pest Notes, and educational web sites and to promote their use. Attend and participate in UC Statewide IPM Program meetings and other UC ANR meetings to communicate field-based IPM perspectives to researchers and provide expertise in urban and community IPM issues. Also actively participate in UC IPM's Urban and Community IPM team for planning and priority setting.
- Develop information for trade journals such as Pest Control Technology as well as UC ANR educational materials including publications, web-based or multimedia products for clientele.

RESEARCH:

Research projects will be focused on development of IPM programs for key urban insect pests including ants, termites, bedbugs, cockroaches, fleas, and yellow jackets and effective ways to deliver information about new methods to various audiences.



The Area IPM Advisor will:

- Initiate, coordinate, conduct, and/or participate in adaptive IPM research projects relating to structural pests with priority on protecting human health and the environment. Of particular emphasis are those that are interdisciplinary in nature and deemed significant by the UC Strategic Initiatives, UC IPM Program, Cooperative Extension, Experiment Station, and/or DANR Workgroups.
- Identify local research needs with statewide implications and develop teams to address them, along with metrics to indicate progress. The expected outcome of the IPM advisor's programs would be increased use of IPM practices that address unnecessary pesticide use, reduce pesticide runoff and improve management of urban or structural insect pests.
- Conduct relevant research that will result in articles for both peer-reviewed journals and for magazines or other literature appropriate for his or her clientele.
- Identify and communicate data gaps and information transfer problems identified by UC Advisors, PCAs, PMPs, and public agencies to other Cooperative Extension and Experiment Station academics, members of the UC IPM Program, and UC ANR administration.
- Network to identify local research needs with statewide implications and develop teams to address them, along with metrics to indicate progress.

General Academic Expectations

The academic in this position will be expected to interact with UC ANR Program Teams, Specialists and others within the research/extension network to develop, strengthen and expand the local delivery of statewide programs.

All ANR CE academic appointees are responsible for performance in the areas of extending knowledge and information, applied research and creative activity, professional competence and activity and University and public service.

Support: UC IPM will provide travel and general support funds for IPM coordination, outreach and extension and special projects to meet UC IPM goals.

Other Support: The Area IPM Advisor is expected to obtain extramural funding to support their research and extension programs.

MAJOR RESPONSIBILITIES:

The Area IPM Advisor is responsible for providing research-based information to assist clientele in solving pest and pesticide related problems in public and private landscapes and structures. Program emphasis will be directed toward the development and implementation of IPM programs as they relate to arthropod management as well as pesticide reduction or mitigation to minimize human health and environmental impacts. The Area IPM Advisor will initially focus programs in the Los Angeles Area:

- Conduct and report regular needs assessments to identify priority issues or problems relevant to the local clientele groups being served.
- Develop and implement effective UC ANR Cooperative Extension applied research and educational programs to address the identified priority needs of the clientele that are consistent with ANR's Strategic Vision and ANR initiatives <http://ucanr.edu/files/906.pdf>.
 - Conduct applied research designed to monitor changes and solve locally relevant problems.
 - Disseminate useful, science-based information to inform clientele, using extension methods that are responsive to clientele needs and appropriate for the audience and situation.

- Maintain and promote Cooperative Extension’s credibility by providing science-based knowledge and skills independent of personal or parochial interests.
- Evaluate programs and report accomplishments, results, and potential or actual impacts to scientific and lay audiences.
- Develop collaborative teams with other UC ANR academics, including campus-based specialists, AES faculty, CE Advisors and/or others, to address priority issues for UC ANR.

BACKGROUND: The area of focus for this position is urban entomology and the management of structural and household pests including ants, termites, cockroaches, yellow jackets, and bedbugs. The Advisor will be expected to develop, deliver and coordinate integrated pest management programs that effectively manage urban pests, primarily insects, in and around structures while protecting the environment and human health. Key clientele will include UCCE Advisors, Pest Management Professionals, schools and other institutions, and public agencies.

OUR CULTURE:

Working at UC ANR offers a career with a history and a future. Since the first Advisors were hired in California 100 years ago, we have maintained our central purpose as stewards, problem-solvers, catalysts, collaborators, and educators. Academics in UC ANR enjoy a network of colleagues across our system of local offices, statewide programs, 3 colleges and 1 professional school in the UC system. Our culture is characterized by collaboration and entrepreneurship in a vibrant working environment. New academic staff are mentored and supported by this network of colleagues.

The UC ANR vision guides priorities in research, education, service, and resource allocation. ANR envisions a thriving California in 2025 where healthy people and communities, healthy food systems, and healthy environments are strengthened by a close partnership between the University of California and its research and extension programs and the people of the state. The University remains connected and committed to the people of California, who enjoy a high quality of life, a healthy environment, and economic success in a global economy. The full Strategic Vision is available at: [http://ucanr.edu/About ANR/Strategic Vision/](http://ucanr.edu/About_ANR/Strategic_Vision/).

Los Angeles County: This position will be located in the UCCE Los Angeles County office with responsibilities in high population density areas including the Los Angeles Metropolitan Area/LA Basin Los Angeles and surrounding cities and counties. The headquarters for this position is close to the University of California Riverside (UCR) campus, allowing for close collaborations with UCR’s highly regarded Urban Entomology Program. Over 17 million people live in the greater Los Angeles area and thousands of structural professionals provide pest control services to businesses and consumers. Schools, childcare centers and public housing agencies in the area are being required to implement IPM programs. Southern California oceans and urban creeks have been identified as impaired by pesticides and there is strong support from local and regional agencies as well as UCCE offices to implement IPM programs.



Please visit the following website for more information regarding UC Cooperative Extension in Los Angeles County: <http://celosangeles.ucanr.edu>.

RELATIONSHIPS: The Area IPM Advisor is responsible to the Los Angeles County Director and to the Director of the Statewide IPM Program.

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

- Implement outreach efforts to ensure nondiscrimination in program identification and delivery.
- Promote and encourage maximum participation of minorities, women, and other under-served groups.
- Include outreach objectives as a component in planning, implementing, and evaluating program efforts.
- Establish and update statistical data pertaining to populations served by programs.
- Record, document, and report outreach plans, goals, activities, progress and results; and submit required activity reports as scheduled.

EDUCATION AND EXPERIENCE:

A minimum of a Master's Degree is required in entomology or a closely related field, although other advanced degrees are encouraged. A broad understanding of integrated pest management principles, including experience or training in invertebrate biology and ecology, cultural and biological controls, and pesticides/toxicology is required. Quantitative skills and experience with experimental design are required. Practical experience or training in structural pest management is highly desirable. Experience or education in other pest disciplines such as urban wildlife management is also highly desirable.

The position requires the ability to work effectively on an interdisciplinary basis with researchers in the Agricultural Experiment Station, Cooperative Extension Specialists in pest management, UCCE Advisors, PCAs, Pest Management Professionals, and public agencies. The ability to communicate effectively, both verbally and in writing, is essential. The position requires extensive travel within the Los Angeles region and occasionally inside and outside of the state. The position requires a qualified pesticide applicators certificate or license from the California Department of Pesticide Regulation to be obtained within 4 months of employment.

SALARY: Beginning salary will be in the Cooperative Extension Assistant Advisor Rank and commensurate with applicable experience and professional qualifications. For information regarding Cooperative Extension Advisor salary scales, please refer to the University of California, ANR website:

<http://ucanr.edu/sites/anrstaff/files/187037.pdf>.

If the successful candidate is currently a UCCE Academic with indefinite status, the candidate will be offered the position commensurate with applicable experience and professional qualifications with eligibility to retain such indefinite status.

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. This position is eligible for sabbatical leave privileges as per the terms of University policy. 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



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retirement. Automobile insurance is available. For more information, refer to the UC Benefits website at: <http://ucnet.universityofcalifornia.edu/>.

Other professional opportunities: There are opportunities for Advisors to attend professional society meetings and participate in other types of professional development programs. Advisors are eligible for paid study and sabbatical leaves. Advisors can also use up to 48 days per year of paid leave to consult (subject to approval).

HOW TO APPLY: To be considered, applicants must electronically submit the following four components of the Application Packet to 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. CV 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
ANR Academic Personnel
Kim Ingram
530-750-1354*

*E-mail Address: ANRacademicsearch@ucop.edu
Internet: <http://www.ucanr.edu/jobs>*

PLEASE REFER TO POSITION NUMBER AP #14-09 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.