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**Professor and Director**

**Tata – Cornell Agriculture and Nutrition Institute (TACO-AN)**

Cornell is a community of scholars, known for intellectual rigor and engaged in deep and broad research, teaching tomorrow’s thought leaders to think otherwise, care for others, and create and disseminate knowledge with a public purpose.

Cornell University invites applications for a tenure-able Full Professor with responsibility for establishing a long-term research and education institute supported by an endowment designed to help reduce poverty and malnutrition in rural India. The founding director will conduct research and lead a multidisciplinary research and training program focused on the design and evaluation of innovative interventions that link agriculture, food systems and human nutrition, including the impacts of nutrition and agriculture policies on poverty and nutritional status. The goal of the institute is to enhance individual and institutional capacity in the areas of agriculture, nutrition and rural development. The institute will support multidisciplinary action research and educational programs conducted by collaborative teams from Indian universities, government and non-governmental organizations, and Cornell.

**Duties and Responsibilities:** The TACO-AN Director will be an internationally recognized expert who will lead and direct this India-based research and education program. The director will develop a comprehensive framework and strategic plan, establish program priorities and directions, and be responsible for program implementation. The director is expected to provide engagement opportunities for Cornell faculty and Indian colleagues from several disciplines through the administration and selection of projects for funding. S/he is expected to seek synergistic linkages with proposed or on-going projects of other organizations that are consistent with the TACO-AN program objectives, and to engage broadly with the Cornell University community. The director of this university-wide institute will report to the Dean of the College of Agriculture and Life Sciences who represents the Provost and other college deans. An established international advisory board will advise the director regarding program development. The donor and the President of Cornell University provide ultimate programmatic and financial oversight for the endowment. In academic matters related to his/her position as a tenured faculty member, the professor will report to his/her department chair.

The TACO-AN Director will be a faculty member based in Ithaca, NY at Cornell University appointed in either the College of Agriculture and Life Sciences or the College of Human Ecology. The appointment will be in an appropriate academic department depending on the interests and expertise of the successful applicant. The director is expected to work closely with an India-based associate director to identify appropriate research problems in India, develop collaborative partnerships and funding opportunities, support Cornell research activities, network with Indian educational and development partners, and facilitate communications with program collaborators and beneficiaries in India. The successful candidate will devote half of his/her time to research and 50% effort to TACO-AN administration, which includes mentoring, teaching and advising students involved in the program, as well as program leadership. In addition to responsibility for financial and programmatic management, the director will be expected to leverage the endowment’s funds by obtaining external research and training funding. Program management responsibilities will include: 1) managing the TACO-AN competitive grants program designed to bring new faculty and students into the program, and 2) monitoring and evaluation of TACO-AN program components. Because TACO-AN offers the opportunity to do long term longitudinal research, the director is expected to anticipate and plan new activities and programmatic themes as appropriate. The director will be expected to promote the TACO-AN program within and through Cornell. In addition, it is expected that the appointee will devote half of his/her time to research on agriculture, food and nutrition using a systems approach.

**Qualifications:** Candidates for the Director are expected to have a strong background and expertise in agriculture and food systems, population health, and nutrition in resource limited settings and a PhD, MD, DVM or equivalent degree. International experience is required and experience in India is desirable.

**Application procedure:** Submit electronically a letter of application, curriculum vitae, selected reprints, statement of research goals and plans, and names and addresses of three references to Renee Hoffman at rmh6@cornell.edu.

Review of applications will begin September 1, 2012 and will continue until the position is filled.

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Diversity and inclusion have been and continue to be a part of our heritage. Cornell University is a recognized EEO/AA employer and educator.
Tenure Track Assistant Professor
Department of Earth and Atmospheric Sciences
College of Agriculture & Life Sciences (CALS) – Cornell University – Ithaca, NY

Cornell is a community of scholars, known for intellectual rigor and engaged in deep and broad research, teaching tomorrow’s thought leaders to think otherwise, care for others, and create and disseminate knowledge with a public purpose.

The Department of Earth and Atmospheric Sciences (EAS) at Cornell University invites applications for an Assistant Professor in the subject area of extreme weather during climate change. The successful candidate will develop a high quality research program investigating the multi-scale processes linking climate to extreme weather phenomena, such as thunderstorms, tornadoes, tropical and extra-tropical cyclones, flooding, and droughts, and their impacts. The incumbent could take an Earth system approach to the subject, emphasizing the interactions of atmospheric, oceanic and land-surface processes in the climate system, including future climate change scenarios. The incumbent will also be a committed educator, enthusiastically teaching undergraduate and graduate courses, advising undergraduate and graduate students, and supervising students at all levels in research. The ideal candidate will be able to interact in teaching and research with colleagues having similar interests at Cornell University, particularly in the Colleges of Engineering and of Agriculture and Life Sciences, in which the Department of EAS is jointly located. The responsibilities of the position will be split between research (50%) and teaching (50%).

Qualifications Required: A Ph.D. in atmospheric science, Earth system science, or a related science or engineering discipline.

Salary/Benefits: Salary is commensurate with qualifications and experience. Cornell University provides an attractive fringe benefits package.

Please submit applications to: extreme-weather-search@cornell.edu as a single PDF (15 mb maximum) that includes (1) a cover letter addressed to the Search Committee Chair, Professor Stephen Colucci, and providing the names and contact information for three individuals who are willing to write letters of recommendation; (2) a curriculum vitae; (3) a research plan; and (4) a statement of teaching interests.

Applications will be reviewed beginning September 4, 2012. The position will remain open until filled, with an anticipated start in Fall 2013.

College of Agriculture and Life Sciences

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Urology Director of Research
The Brady Urological Institute

We seek an individual with a strong background in urologic research and a track record of collaborative interactions, successful funding, program development and a desire to mentor residents, fellows, medical students, and graduate students. Candidates must also have demonstrated focus on translational research in urology.

Please forward letters of application, with curriculum vitae to:
Search Committee
Attention: Beverly Comegys (bcomegys@jhmi.edu)
James Buchanan Brady Urological Institute
The Johns Hopkins Hospital
600 North Wolfe Street
Marburg 105
Baltimore, MD 21287

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The Biotechnology Center of Excellence (CoE) within Janssen Research & Development, LLC, discovers and develops some of the most innovative technology platforms and biologic medicines today. We are a world leader in monoclonal antibody technology and have a strong pipeline of novel antibodies in development.

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We are looking for scientists from around the globe with a driven, passionate, and pioneering spirit to join our team in Spring House, PA, and La Jolla, CA.

This is an outstanding opportunity to make a difference in the lives of people living with chronic diseases through cutting-edge research and development.

We are recruiting scientific leaders with BS, MS, and/or PhD degrees and expertise in the following specialties:

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- Antibody Engineering
- Cell Biology
- Phage Display
- MS Analysis of Proteins
- Assay Biology
- Biologics Toxicology
- Biologics Clinical Pharmacology
- Pharmacokinetics/Pharmacodynamics
- Cell Therapy

For more information about these positions, please send your CV and/or cover letter inquiry by e-mail to aarmstr1@its.jnj.com.
VICTORIA UNIVERSITY OF WELLINGTON

Victoria University delivers internationally-acclaimed results in teaching and research, as well as programmes of national significance and international quality.

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ASSOCIATE PROFESSOR/PROFESSOR IN FISHERIES SCIENCE

School of Biological Sciences

We seek a Senior Fisheries Biologist, with a strong track record in internationally recognised research, with significant experience in both securing and leading externally-funded research programs together with experience in teaching and supervision of students.

The successful candidate will be expected to promote Victoria University of Wellington as a leading provider of fisheries research, by advancing national and international research networks and leading School activities in outreach programmes in fisheries biology. The successful applicant will be expected to work with government research agencies, and New Zealand or international fishing industry research organisations.

We are seeking a Fisheries Biologist and would welcome applications from specialists in a wide range of fields, including stock assessment, population modelling, or resource sustainability. Experience of academic leadership is expected for all professorial candidates.

For further information contact Associate Professor Phil Lester, phil.lester@vuw.ac.nz

Applications close 6th August 2012

Victoria University of Wellington is an EEO employer and actively seeks to meet its obligations under the Treaty of Waitangi.

For more information and to apply online visit http://vacancies.vuw.ac.nz

Reference A177-12Q

Maine Medical Center Research Institute (MMCRI) is a leading NIH-funded biomedical research institute and division of Maine Medical Center, a major academic affiliate of Tufts University School of Medicine.

FACULTY POSITIONS AT MMCRI
MAINE MEDICAL CENTER RESEARCH INSTITUTE
Portland, Maine

Applications are invited for faculty positions at all levels (Assistant, Associate and Full Professor equivalent) in the Center for Molecular Medicine. Candidates should complement existing strengths in the areas of stem cell biology, vascular and cardiovascular biology, metabolism, bone biology, cancer, and basic and translational studies of human disease. Applicants must have an MD and/or PhD degree or equivalent. Physician-scientists are encouraged to apply. Candidates for senior-level positions should have an independently funded research program. Applications are strongly encouraged from those seeking a highly supportive, collegial and collaborative environment.

Positions include competitive start-up/transition packages, and opportunities for faculty appointments at Tufts University School of Medicine and the University of Maine. MMCRI maintains core facilities in flow cytometry/FACS, mouse transgenic technologies, proteomics, bioinformatics support, confocal microscopy, metabolic phenotyping, small animal in vivo imaging including microCT and MRI, and translational and clinical research. Salary, benefits, and resources are nationally competitive.

MMCRI is an expanding biomedical research institute on the scenic southern coast of Maine. The greater Portland area features a high quality of life with outstanding recreational and cultural opportunities.

Candidates should provide a CV, brief statement of research interests, and contact information for three professional references to Tom Gridley PhD, Chair, Faculty Recruiting Committee (gridlt@mmc.org). Learn more about us at www.mmcri.org.

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Crafting resumes/CVs | Preparing for interviews
Lucia Rosano wants to make the world a better place - for everyone. As a bioscientist at Bayer, Lucia knows she is doing just that. Searching for solutions and never giving up. That is the passion that unites all of us at Bayer. We call it the Bayer Spirit. If you feel it, too, then it is high time we had a chance to talk about a career at Bayer.

**Postdoc within the IMI EU consortium PREDECT**

Bayer Pharma AG, Berlin, Germany

PREDECT is a unique European IMI-funded partnership between academic and industrial partners, aiming to develop novel, advanced, complex in vitro and in vivo models for breast, prostate and lung cancers that represent, with better fidelity, the complexity of a human tumor in situ and should lead to greater predictivity of clinical efficacy.

**Job description** Bayer Pharma AG participates in PREDECT with a focus on the development and evaluation of improved in vivo and in vitro/ex vivo models for breast cancer research. Within this project there is a unique opportunity for a postdoctoral fellow to work at a cutting-edge public private interphase. Based on existing xenograft and syngeneic tumor models tissue slice culture technology and complex spheroid co-culture systems using tumor and stromal cells will be established and applied to novel GEMMs in close collaboration with other consortium members. The aim of the project is an in depth characterization of the above mentioned models and evaluation of their predictivity including the analysis of cellular and molecular responses to genetic perturbations or to targeted therapeutics. As postdoctoral fellow, you will be responsible for project planning, design and set-up of experiments, analysis and reporting and actively participating in PREDECT meetings in close collaboration with the principal investigator and consortium collaborators.

**Your qualifications** You hold a PhD in the field of molecular biology, cell biology, cancer biology, or biochemistry and have a demonstrated track record of innovative scientific publications. You have already gained expertise in in vitro and in vivo cancer models as well as a sound knowledge of cellular signaling pathways. You show ambition, commitment and effective communication skills and act as a teamplayer. To excel in an international environment, a very good command of spoken and written English is essential.

**Your application** We offer a postdoc position initially for two years with the possibility of an extension for a 3rd year. Initial training will be provided at the University of Helsinki and other PREDECT consortium members as appropriate. Applications for this position should be made online (Reference Code 0000038022) at www.myBayerjob.de, submitting a letter of motivation, CV and contact information of 2-3 references. Please contact Dr. Sylvia Gruenewald for further information (email: sylvia.gruenewald@bayer.com).
The Department of Radiation Oncology at UT Southwestern Medical Center seeks an exceptional senior scientist to head the department’s division of Molecular Radiation Biology. Applicants must have a Ph.D. or M.D./Ph.D. and a vigorous and ambitious independent research program in an area of cancer biology that is related to radiation oncology, as well as grant funding and a significant record of peer-reviewed publication. The program should complement and expand existing research strengths within the division, which includes molecular oncology, cell signaling, hypoxia and the DNA damage response. Candidates should have a successful record as the manager of a productive research team and an enthusiasm for promoting collaboration within a multidisciplinary environment.

The Division of Molecular Radiation Biology currently has 60 employees, including seven senior Ph.D. investigators and three M.D./Ph.D. translational researchers as well as other junior research faculty, postdoc and graduate student trainees, and lab technicians. There is also significant dedicated administrative support staff. The division has approximately 10,000 square feet of contiguous lab space, including 6 large labs and core space for tissue culture, microscopy, and other shared resources.

The appointment will be at the level of Professor, with tenure (contingent upon approval by the institutional promotion and tenure committee). A generous start up package will include substantial lab space and funding for equipment or faculty/staff/trainees. Of particular note, the Cancer Prevention and Research Institute of Texas (CPRIT) has awarded over $106 million in grants to investigators at UT Southwestern, including funding opportunities for recruitment of pre-eminent cancer investigators.

Applicants should email their curriculum vitae, the names of three references, and a brief description of their research goals to the attention of Dr. Hak Choy at Hak.Choy@utsouthwestern.edu.

UT Southwestern is an Equal Opportunity Employer.

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**COOPERATIVE EXTENSION WEED SCIENCE SPECIALIST**

The Department of Botany and Plant Sciences invites applications for an Assistant Cooperative Extension Weed Specialist (11-month tenure-track, 90% CE, 10% OR). The Weed Specialist will work with Farm Advisors, other Extension Specialists, faculty, land managers and the industry to conduct research on biology of weedy and invasive plants and their interactions with managed ecosystems, focusing on urban systems. Research could address potential invasiveness of ornamental or biofuel crops; environmental issues associated with herbicide use and other weed control practices; development of integrated weed management practices in nurseries, floriculture, and landscapes; and impacts of weeds and weed management in the urban-agriculture and urban-wildland interfaces. Outreach will center on UC Farm Advisors and clientele who focus on managed ecosystems including urban systems and landscapes, horticulture and floriculture.

The successful applicant is expected to develop a nationally competitive research program and obtain extramural grant funds. Preference will be given to candidates conducting research at the forefront of their field and having a strong working knowledge of weed ecology and control and a desire and ability to work with diverse clientele.

The position will be available October 1, 2012. Applicants must hold a Ph.D. in Plant Science, Ecology, Range Science, Horticultrue, Plant Physiology or related fields. Evaluation of applications will begin **August 15, 2012** and continue until the position is filled. Interested individuals should submit (1) a curriculum vitae, (2) a statement of research and extension interests, and (3) have three letters of recommendation sent to: Chair, Cooperative Extension Specialist Search Committee, c/o Department of Botany and Plant Sciences, 2118 Batchelor Hall, University of California, Riverside, CA 92521-0124; E-mail: bpscerecruit@ucr.edu; FAX: (951) 827-4437. For additional information on the Department and the campus visit [http://cnas.ucr.edu/](http://cnas.ucr.edu/) and [http://www.plantbiology.ucr.edu/](http://www.plantbiology.ucr.edu/).

UCR has an active career partner program, and is an Affirmative Action Equal Opportunity Employer committed to excellence through diversity.
We are recruiting **50 doctoral and post-doctoral candidates**
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You want to investigate major challenges of our society? This requires the best career environment right from the beginning: outstanding education, inspiring science locations and exceptional equipment and infrastructure. The **Helmholtz Centre for Environmental Research – UFZ** offers exciting research topics, excellent supervision, solid structures, interdisciplinary team work and tailored qualification at the UFZ Graduate School HIGRADE – the best conditions to start a successful career.

Join us in addressing the most pressing societal and scientific challenges across ten large integrated projects (IP) in research areas like land use, biological diversity, water, soil, chemicals, health and energy. Find solutions to better understand and manage complex environmental systems together with more than 1,000 competent colleagues at the UFZ. Seek with us after a balance between social development and long-term protection of our livelihoods. Do research for the environment!

**The ten Integrated Projects (IP) are:**

- **IP 1** Mitigating of land use conflicts
- **IP 2** Emerging ecosystems: functional dynamics under global change
- **IP 3** Land use aspects of transforming the energy system
- **IP 4** Urban transformations
- **IP 5** Healthy aquatic ecosystems
- **IP 6** Water and solute fluxes in catchments
- **IP 7** Water scarcity – Water management in semi-arid regions
- **IP 8** Exposome – Environmental pollution and its impacts on human health
- **IP 9** Controlling chemicals’ fate
- **IP 10** From local observations to regional predictions

**Interested?**
You are an excellent graduate in natural, social or economic sciences? You are, e.g., biologist, hydrologist, engineer or economist with outstanding skills, knowledge and ideas? We invite you to submit an application to the Helmholtz Centre for Environmental Research – UFZ, the international centre of competence for environmental sciences and member of the largest scientific organisation in Germany, the Helmholtz Association. Come to Leipzig, Halle or Magdeburg, three modern and unique science locations with an appealing culture and flair. **Deadline: 10 August 2012**

Have a look at [www.ufz.de/docs](http://www.ufz.de/docs) to see the job offers and at [www.join.ufz.de](http://www.join.ufz.de) to get an impression of the research and life environment at the UFZ locations.

Certainly one of our offers will attract your attention!
TENURE-TRACK POSITION in Anatomy, Physiology, and Genetics (APG)
F. Edward Hebert School of Medicine
Uniformed Services University of the Health Sciences
The Department of Anatomy, Physiology, and Genetics, Uniformed Services University School of Health Sciences (USUHS), Bethesda, Maryland, chaired by Harvey B. Pollard, M.D., Ph.D., invites applications for a tenure-track, hard-money position at the ASSISTANT PROFESSOR level. The department has strong commitments to medical education and biomedical research and is located in an interactive scientific environment adjacent to the National Institutes of Health and National Library of Medicine. Outstanding core facilities are available to support medical education and biomedical research in cell biology, genomics, and proteomics. The successful applicant will have a Ph.D. and/or M.D. degree and will be expected to contribute to the Department’s interdisciplinary Anatomy and Physiology curriculum for first-year medical students, and to establish an independent and extramurally funded research program. Research interest in systems biology and cell signaling is an asset. Candidates should submit curriculum vitae, an outline of their proposed research program, and three letters of reference sent to: Gregory P. Mueller, Ph.D., Search Committee Chair, Department APG, USUHS, 4301 Jones Bridge Road, Bethesda, MD. 20814-4799 (e-mail: gregory.mueller@usuhs.edu). Position open until filled. USUHS is an Equal Opportunity Employer with a strong commitment to race, cultural, and ethnic diversity.

FACULTY POSITIONS-MEDICAL SCHOOL
The Saint James School of Medicine, an international medical school (website: http://www.sjsm.org), invites applications from candidates with teaching and/or research experience in any of the basic medical sciences for its Caribbean campuses. Faculty positions are currently available in Anatomy and Pathology. Applicants must be a M.D., D.O., and/or Ph.D.
Teaching experience in the U.S. system is desirable but not required. Retired persons are encouraged to apply. Attractive salary and benefits. Submit curriculum vitae electronically to e-mail: mjansen@mail.sjsm.org or mail to: HRDS Inc., 1480 Renaissance Drive, Suite 300, Park Ridge, IL 60068.

POSTDOCTORAL POSITION/RESEARCH ASSISTANT PROFESSOR
Hollings Cancer Center
The Medical University of South Carolina
An outstanding Postdoctoral/Research Assistant Professor (rank dependent upon experience) position is available with the Director of the Hollings Cancer Center (HCC), a National Cancer Institute designated Cancer Center, in Charleston, South Carolina. Working in the laboratory of Dr. Andrew S. Kraft, the research will focus on investigating the ability of protein kinases to control the growth and metastasis of prostate cancer using knock-out and knock-in mice, cell culture, and a novel subrenal tissue recombination assay (Cancer Res. 72:294, 2012; PNAS 108:528, 2011). Experience in constructing and studying transgenic knock-in mice is essential and investigators should have a strong background in molecular and cellular biology. Senior investigators will have the opportunity to submit grant applications where appropriate. Applicants should submit cover letter, curriculum vitae, and the names of three references via the following website: https://www.jobs.musc.edu; requisition number 048450.

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