Cluster Hire in Healthy Aging
Assistant, Associate or Full Professor

The University of California Riverside is embarking on a major new hiring initiative that will add 300 tenured and tenure-track positions in 33 cross-disciplinary areas selected through a peer-reviewed competition (clusterhiring.ucr.edu). Over the next three years, we will hire multiple faculty members in each area and invest in research infrastructure to support their work. This initiative will build critical mass in vital and emerging fields of scholarship, foster truly cross-disciplinary work and further diversify the faculty at one of America’s most diverse research universities. We encourage applications from scholars committed to excellence and seeking to help redefine the research university for the next generation.

In an initiative to establish a comprehensive program addressing health and wellbeing of aging populations, we seek to hire up to three tenure-track or tenured faculty whose research addresses the public policy, social, behavioral, and/or biological determinants of health as they relate to the needs of older adults. Candidates whose research addresses mechanisms of aging at the cellular, individual and/or community level, characterizes predictors of aging outcome, and leads to develop interventions to improve the quality of life and care of seniors are encouraged to apply. We seek researchers that collectively span multi-disciplinary levels of investigation (from molecular mechanisms of inflammation and cellular senescence to complex behaviors such as cognitive and decision making processes, and social policies especially as they relate to minority aging) using state of the art techniques (molecular, behavioral, computational, imaging, genetic and clinical research) applied to experimental model systems of aging or human populations.

All candidates must have a doctorate in a relevant field (e.g. Biology, psychology, sociology, public policy, public health, or medicine) and be strongly committed to both undergraduate and graduate teaching. Preference will be given to applicants who have demonstrated a strong commitment to interdisciplinary research and whose research interests complement those of existing faculty and strengthen our initiative to develop an extramurally funded Center for Research on Aging. Successful candidates may be placed within the College of Natural and Agricultural Sciences, the College of Humanities, Arts and Social Sciences, the School of Public Policy or the School of Medicine depending on the preferences of the candidate and the host departments. Junior candidates are expected to develop an internationally recognized and externally funded research program, while senior candidates must have a demonstrated record of success in these areas. Successful candidates must also have a clear potential or demonstrated ability to successfully work with and benefit a diverse student body.

The University of California, Riverside is centrally located within the Southern California area and situated in an historic citrus growing area surrounded by mountain ranges. Riverside is an hour away from ski slopes, surfing, or hiking in mountain wilderness or desert environments, and housing in the area is very affordable. The campus is located in close proximity to a host of high profile universities, research institutes, and biotech industries in Southern California. Applicants must hold a Ph.D., M.D., Pharm D., or equivalent degree and qualify for a tenure track or tenured faculty appointment at the University of California. Applications will be reviewed beginning February 4th and the positions will remain open until filled.

The University of California is an Equal Opportunity / Affirmative Action Employer with a strong institutional commitment to the achievement of excellence and diversity among its faculty and staff. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, age, disability, protected veteran status, or any other characteristic protected by law.

UCR is a world-class research university with an exceptionally diverse undergraduate student body. Its mission is explicitly linked to providing routes to educational success for underrepresented and first-generation college students. A commitment to this mission is a preferred qualification.

Advancement through the faculty ranks at the University of California is through a series of structured, merit-based evaluations, occurring every 2-3 years, each of which includes substantial peer input.

To Apply: Please submit the following items electronically through the ARecruit system: Cover Letter, Curriculum Vitae, statement of research accomplishments and goals, statement of teaching expertise and diversity statement. For full consideration applications should be received by February 4th, 2016. Applications will be accepted until the positions are filled.

http://medschool.ucr.edu/employment/faculty/healthy_ageing.html
**University of Pittsburgh**

**Director, Center for Vaccine Research**

The University of Pittsburgh is seeking applications for the position of director, Center for Vaccine Research (CVR). This interdepartmental center is dedicated to high-quality research on novel vaccines and highly pathogenic/select agents. The center includes the 15,000-square-foot Vaccine Research Laboratory (VRL) and the Regional Biocontainment Laboratory (RBL), with 10 fully equipped BSL-3 laboratories and four fully equipped ABSL-3 facilities, a necropsy suite, a Clinical Imaging Core (including coupled micro-PET and CT, IVIS Spectrum imaging, and live-cell microscopy), and an Aerobiology Core for computerized quantitative aerosol exposure in animal models. The CVR research portfolio totals more than $30 million in multiyear grants and contracts from NIH, industry, and DoD. Learn more about the important work taking place at the CVR by visiting: www.cvr.pitt.edu.

Competitive candidates must have a track record of exceptional research in vaccine development or infectious disease pathogenesis and must meet the requirements of the academic rank of full professor with tenure. Other key characteristics include a broad vision for new vaccine research, ability to foster collaborations, and significant administrative and leadership experience.

With more than $400 million of NIH funding, the University of Pittsburgh ranks fifth among more than 3,000 entities that receive NIH support. The University’s Schools of the Health Sciences include the Schools of Medicine, Nursing, Dental Medicine, Pharmacy, Health and Rehabilitation Sciences, and the Graduate School of Public Health. The schools serve as the academic partner of UPMC (University of Pittsburgh Medical Center), a global health system with 23 hospitals, more than 60,000 employees, and close to $11 billion of annual revenue.

Please send curriculum vitae and a letter outlining interest and qualifications to: Chair, CVR Search Committee, Res Pav 1.9, Hillman Cancer Center, 5117 Centre Avenue, Pittsburgh, PA 15213 or email: DIRofCVR@pitt.edu. To ensure full consideration, materials must be received by February 15, 2016.

*The University of Pittsburgh is an Affirmative Action, Equal Opportunity Employer.*

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**Sigma Xi**

**EXECUTIVE DIRECTOR**

The Board of Directors of Sigma Xi, The Scientific Research Society, invites nominations and applications for the position of Executive Director and Chief Executive Officer. The Executive Director will be located at the Society’s Headquarters in the Research Triangle Park in North Carolina.

With the membership of approximately 100,000 individuals and more than 520 chapters worldwide, Sigma Xi, a highly respected voice of science, occupies a unique position as the principal honor society of science in North America and elsewhere. The multifaceted purpose of the Society is to honor scientific achievement, improve the quality of research and access to science, enhance overall scientific literacy, encourage interdisciplinary research, and inform policy makers and the public decision-makers about science, while fostering worldwide interaction among researchers.

The Executive Director is the Society’s chief executive officer and, in association with the Board of Directors of the Society, manages the Society’s membership and chapter programs and scholarly activities, as well as administrative operations. The successful candidate will be a leader with commitment to executing the goals and growth of Sigma Xi and leading the planning and implementation of the Society into the future.

The Executive Director must be effective at communication on the national and international stage, be a consensus builder with the ability to motivate and lead volunteers, peers, and staff, and possess demonstrated skills in management. She or he must possess proven fundraising ability and experience with management of program activities. Standing and recognition in the scientific and technical community are essential; familiarity with Sigma Xi and its programs and research experience are important criteria. Experience in public- and private-sector venues, as well as academia is highly desirable, as is having attained a Ph.D. in a STEM discipline.

Applications and nominations should include current curriculum vitae, the names and addresses of three references, and a statement of reasons why the position is of interest. This material will be kept in confidence and should be directed to: Dr. John C. Nemeth, Interim Executive Director and CEO, Chair, Search Committee, Sigma Xi, The Scientific Research Society, P. O. Box 13975, Research Triangle Park, NC 27709.

Screening of applications will begin on January 15, 2016, and will continue until a candidate is selected. It is hoped that a selection will have been made by April 1, 2016, with the effective date of the appointment as soon as feasible.

*Sigma Xi is an Equal Opportunity Employer.*

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**AAAS**

**+ You = Δ**

AAAS is here – helping scientists achieve career success.

Every month, over 400,000 students and scientists visit ScienceCareers.org in search of the information, advice, and opportunities they need to take the next step in their careers.

A complete career resource, free to the public, Science Careers offers hundreds of career development articles, webinars and downloadable booklets filled with practical advice, a community forum providing answers to career questions, and thousands of job listings in academia, government, and industry. As a AAAS member, your dues help AAAS make this service available to the scientific community. If you’re not a member, join us. Together we can make a difference.

To learn more, visit [aaas.org/plusyou/sciencecareers](http://aaas.org/plusyou/sciencecareers)

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**POSITIONS OPEN**

**HEAD AND PROFESSOR, DEPARTMENT OF ANATOMY AND PHYSIOLOGY**

The College of Veterinary Medicine at Kansas State University invites applications and letters of nomination for the Head of the Department of Anatomy and Physiology. The successful candidate will have a Ph.D. or other earned doctoral degree in biomedical sciences or related, an outstanding history of scholarly achievement and continuing success in extramurally funded research, exceptional leadership, strong commitment to professional and graduate student education and the professional development of faculty, staff and students. Applicants should submit a single PDF that includes a letter of application addressing leadership philosophy and vision; curriculum vitae; and contact information for three individuals from whom letters of reference may be requested. Application and nomination materials should be sent to website: [geystone@vet.k-state.edu](mailto:geystone@vet.k-state.edu). For further information, please refer to website: [www.vet.k-state.edu/about/employment/opportunities.html](http://www.vet.k-state.edu/about/employment/opportunities.html). Review of applications will begin immediately and continue until the position is filled. Applications should be submitted prior to February 12, 2016. Kansas State University is an Equal Opportunity Employer of individuals with disabilities and protected veterans and actively seeks diversity among its employees. Background check required.
Senior Faculty Position in Immunology

The Vaccine and Infectious Disease Division (VIDD) of the Fred Hutchinson Cancer Research Center seeks exceptional applicants for a full-time faculty position at the Full Member rank (comparable to Professor). The primary responsibility of this position is to develop a strong research agenda within the Division’s Immunology and Vaccine Development Program with emphasis on mechanisms of memory/effector T-cell generation and immune dysfunction in the context of cancer or chronic infections. The candidate will be expected to help develop and lead a comprehensive, cross-disciplinary program involving multiple investigators that will include a focus on pathogen-induced cancers. VIDD scientists integrate clinical care, computational methods, and basic science research in immunology, virology, and vaccine design to reduce the global burden of infectious disease.

Candidates for this position must have a well-established, robust, funded program that is nationally and internationally recognized for excellence in immunology, immunotherapeutic design, or viral oncogenesis. Applicants must have an MD (or foreign equivalent) or PhD (or foreign equivalent). Selection criteria include excellence in scholarship, creativity in research, and demonstrated leadership in the profession.

The Fred Hutchinson offers a vibrant intellectual environment within a beautiful, lakeside campus in Seattle’s South Lake Union biotech hub. VIDD occupies a new building that is connected by walking trails to Seattle Cancer Care Alliance and the other four Divisions of the Fred Hutch and by trolley to major research partners such as the University of Washington School of Medicine, Seattle Children’s Research Institute, Center for Infectious Disease Research (formerly Seattle Biomedical Research Institute), and the Infectious Disease Research Institute.

Salary DOE + excellent benefits.

Interested candidates should submit a CV, a concise research plan statement, and the names and contact information for three (3) references to fredhutch.org/job/6653. Specific inquiries can be directed to Dr. Julie McElrath at 206-667-1858. Applications should be received by February 1, 2022 to assure consideration, and will be evaluated as received.

*The Fred Hutchinson Cancer Research Center is an Affirmative Action, Equal Opportunity Employer. All qualified applicants will receive consideration for employment without regard to, among other things, race, religion, color, national origin, sex, age, status as protected veterans, or status as qualified individuals with disabilities. We strongly encourage applications from women, minorities, individuals with disabilities and covered veterans.*

Faculty Position

X-ray Lasers in Biology and Materials Science

The University at Buffalo seeks applications and nominations to fill a newly created, Full Professor position in the area, broadly defined, of the use of X-ray lasers in biology and materials science. Appointment will be made in an appropriate School and Department, depending on the background of the candidate. The successful candidate will also be a key leader in the BioXFEL Center (https://www.bioxfel.org/). This NSF-funded Science and Technology Center is spearheading the effort to revolutionize how structural biology is done by developing the use of X-ray lasers to capture biological molecules in atomic detail, view their functional motions by making molecular movies, and observe interactions in their native environments. The University at Buffalo seeks to use this Center award as leverage to develop a strong research and academic presence in X-ray laser science.

The successful candidate will:

• Be an acknowledged leader in their field and demonstrate strengths in one or more important research areas important to the mission of BioXFEL. These may include topics in the current BioXFEL portfolio, or new fields such as detector development and expanding into areas at the intersection of structural biology and materials science that would expand BioXFEL’s horizons.

• Have a strong track record of published, highly visible scientific achievements and a strong history of external, peer-reviewed research funding.

• Have experience with large-scale collaborations and management skills to establish future cross-discipline research approaches.

The successful applicant will have the opportunity to interact with a diverse interdisciplinary group that includes interaction with the new Department of Materials Design and Innovation at UB which has a unique focus on data intensive imaging and spectroscopy as well as the multiple institutions participating in BioXFEL. Applicants should write a vision statement no longer than two pages that develops frontier ideas for XFEL research both at a personal and institutional level.

Applications, including the vision statement, curriculum vitae, three reprints and contact information for three references should be submitted to: www.ubjobs.buffalo.edu/applicants/Central?quickFind=58503. Screening of applicants will begin immediately and continue until the position is filled.

*The University at Buffalo is an Equal Opportunity/Affirmative Action Employer/Recruiter.*
**Director**  
**Programme in Neuroscience and Behavioural Disorders**  
**Duke-NUS Medical School**

Duke-National University of Singapore Medical School (Duke-NUS) seeks an outstanding neuroscientist (MD, PhD, or MD/PhD) with strong leadership skills to be the new Director of the Programme in Neuroscience and Behavioural Disorders. Duke-NUS is a joint venture between two leading universities: the National University of Singapore and Duke University. The Programme in Neuroscience and Behavioural Disorders has an outstanding faculty with expertise in areas including cognitive neuroscience, developmental neuroscience and the study of synaptic circuitry, with strong translational programmes in psychiatric disorders and neurodegeneration. The Programme has its home in a modern facility adjacent to Singapore General Hospital, and maintains strong basic, translational and clinical research partnerships throughout Singapore, particularly with the National Neuroscience Institute and the Institute of Mental Health.

The Programme Director will provide leadership, including engagement with the broader neuroscience community in Singapore and with Duke University; strategic hiring and programme development; medical school and graduate education; faculty mentoring; and budgetary and space planning. The School will provide the Director with the resources to support the highest level of research. More information on the Programme can be found at [http://research.duke-nus.edu.sg/nbd/index.php](http://research.duke-nus.edu.sg/nbd/index.php).

Duke-NUS has retained the executive search firm RSA Group to assist the search committee in its work. Confidential inquiries, nominations, referrals, and curricula vitae should be sent electronically and in confidence to: danni.swain@thersagroup.com

Quoting reference S15145

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**Tenure Track Faculty Position**  
**at the Intersection of Energy and Design**

The Thayer School of Engineering at Dartmouth seeks to add to an existing group of faculty active in energy-related research as part of a major expansion of faculty and programs. We are looking for a candidate with research interests involving the application of creative design methodology to energy use and conservation in the built environment. The successful applicant will have a Ph.D. in engineering or a closely-related discipline, show evidence of being a motivated teacher, and show promise of leading an externally-funded research program. The specific field of academic preparation is open, although we have an interest in persons who can teach in thermodynamics, fluids, or transport. A hire at the Assistant Professor level is anticipated.

Review of applications will begin February 1st, 2016. A complete CV, statement of research and teaching interests, and contact information for three references should be sent as a PDF via email to ThayerEnergyDesignSearch@dartmouth.edu.

Dartmouth is a member of the Ivy League and consistently ranks among the world’s greatest academic institutions. Home to a celebrated liberal arts curriculum and pioneering professional schools, Dartmouth has shaped the education landscape and prepared leaders through its inspirational learning experience. The College has forged a singular identity, combining its deep commitment to outstanding undergraduate liberal arts and graduate education with distinguished research and scholarship in the Arts and Sciences and its three leading professional schools — Geisel School of Medicine, Thayer School of Engineering, and Tuck School of Business. For more information see [http://engineering.dartmouth.edu](http://engineering.dartmouth.edu).

Home to Dartmouth College, the Upper Connecticut Valley is a vibrant, academic and professional community offering excellent schools, lively arts, and an unmatched quality of life in a beautiful setting. Amenities associated with urban areas in Boston MA, Burlington VT, and Montreal QC are all within a few hours drive.

Dartmouth College is an Equal Opportunity/Affirmative Action Employer with a strong commitment to diversity. In that spirit, we are particularly interested in receiving applications from a broad spectrum of people, including women, minorities, individuals with disabilities, veterans or any other legally protected group.

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**Two Fantastic Recruiting Opportunities!**

**FACULTY CAREERS** | January 29, 2016

Gear up to recruit for the faculty positions at your university with this much anticipated issue that reaches thousands of Ph.D. scientists looking for positions in academia.

**Reserve ads by Jan 12 to guarantee space.**

**POSTDOC CAREERS** | March 25, 2016

Be sure to promote your openings to the thousands of scientists who will be reading Science to find out about the latest postdoc opportunities.

**Reserve ads by March 8 to guarantee space.**
Faculty Positions in Structural Biology
Markey Center for Structural Biology
Department of Biological Sciences

The Department of Biological Sciences, Purdue University, is initiating a major effort to expand its investment in Structural Biology and invites applicants at all academic-professorial levels to fill multiple new tenure-track faculty positions in this accelerating area. The Structural Biology Group at Purdue is recognized worldwide for its leadership in structural biology of viruses, membrane proteins, and technical approaches to crystallographic and electron microscopy challenges. Creative investigators in a variety of research approaches, X-ray crystallography, NMR spectroscopy and electron microscopy, are sought to enhance these current structural investigations. Potential areas of research interest include but are not limited to studies of viruses and other pathogens, membrane proteins, cancer biology, target molecules for structure-based drug discovery and development of new technologies in structural biology. This position is aligned with major campus-wide investments in the life sciences including the Center for Drug Discovery (https://www.purdue.edu/research/pddc/), the Center for Integrative Neurosciences and the Institute for Inflammation, Immunology and Infectious Disease (https://www.purdue.edu/research/life-sciences/).

Applicants for senior positions in Structural Biology must have a Ph.D. or equivalent in an appropriate discipline and currently hold a position equivalent to an Associate or Full Professor. Structural biologists with a clear cancer focus in their research will also be considered by the Purdue Center for Cancer Research as a Walter Cancer Professor (https://www.cancerresearch.purdue.edu/). Applicants at the junior rank in Structural Biology must have a Ph.D. or equivalent in an appropriate discipline and at least 2 years of postdoctoral experience. There is particular interest in researchers trained in single particle cryo-electron microscopy or whole cell electron tomography.

Successful applicants for these positions are expected to direct a dynamic and collaborative research program in structural biology to address fundamental questions in the area of human disease, to excel at teaching at the undergraduate and/or graduate level and participate in ongoing programs at Purdue.

Extensive opportunities for collaboration exist within the Department, which has over 50 faculty members conducting research in neurobiology, virology, microbiology, molecular and cell biology, bioinformatics, evolutionary biology and ecology (http://www.bio.purdue.edu/). These opportunities are enhanced by a highly interactive community of scientists within the Colleges of Science, Pharmacy, Veterinary Medicine and Engineering and existing and emerging interdisciplinary centers in the life sciences. Abundant infrastructure support for structural biology exists, including advanced imaging analysis and biological instrumentation available in established core facilities at the Bindley Bioscience Center and the Birck Nanotechnology Center in Discovery Park (http://www.purdue.edu/discoverypark/).

Applications should be submitted electronically to https://hiring.science.purdue.edu/ as a single PDF file containing a letter of interest, a detailed curriculum vitae, contact information for three references, a two to three page summary of research interests, and a one-page teaching statement. The Department of Biological Sciences is committed to advancing diversity in all areas of faculty effort – scholarship, instruction and engagement. Candidates should address at least one of these areas in their cover letter, including past experience, current activity and/or future goals to promote a climate that values diversity and inclusion. As an ADVANCE institution, Purdue University is dedicated to the recruitment, retention and advancement of women in the STEM disciplines. Inquiries should be directed to Cynthia Stauffacher, Chair, Structural Biology Search Committee at StructureSearch@bio.purdue.edu or Structural Biology Search Committee, Department of Biological Sciences, Purdue University, 915 W. State St., West Lafayette, IN 47907-2054.

Review of applications will begin December 15, 2015 and continue until these positions are filled. A background check is required for employment in this position.

Purdue University is an EOE/AA/Title IX Action Employer. All qualified applicants, including minorities, women, individuals with disabilities and veterans are encouraged to apply.