The Department of Wood Science in the Faculty of Forestry at the University of British Columbia, Vancouver, British Columbia, Canada invites applications for two tenure track academic positions at the Assistant or Associate Professor level to commence July 1, 2017 or until suitable persons are found.

Although both positions are within the professoriate stream, one position will be nominated to be a Canada Research Chair (Tier 2). Both candidates should have demonstrated excellence in original research and an aptitude for teaching, with the Canada Research Chair position required to submit a full application upon employment.

We are especially interested in, but not limited to, candidates in any of the following three focus areas:

**Green Buildings and Infrastructure:** The candidate will establish a world-leading program in sustainable buildings and infrastructure, focusing on the use of wood as the primary construction material. Beyond recognizing the use of wood to capture carbon, the candidate will be expected to have expertise in one or several of the following areas related to green buildings and infrastructure: high energy efficiency buildings; prefabricated manufacturing technologies; building physics and building envelope technologies; advanced materials and biomimetic systems; smart and healthy buildings; regenerative architecture; green design; and the use of mass-timber for large buildings and infrastructure (bridges, ships, coastal defenses, wind turbines etc.).

**Glycoscience and Advanced Carbohydrate Chemistry:** The candidate will establish a world-leading program that develops and employs emerging technologies to isolate, process, functionalize, and synthesize advanced materials with a special emphasis on carbohydrates derived from renewable materials. Innovative ways in which to alter the structure of polysaccharides found in renewable resources will be explored and these technologies will be applied to develop alternate uses of plant biomass for industrial and societal uses. These innovations should include, but are not limited to, the use of nanocrystalline cellulose (NCC) in biomedical applications, hetero-polysaccharides, biomaterials, biomimetic materials, and smart packaging using sensor technology.

**Industrial Ecology of Renewable Resources:** The candidate will establish a world-leading program in the industrial ecology of renewable resources and their manufacture. Possible focus areas include life-cycle planning; design for durability; design for disassembly (recycling and reuse); design for the environment ("eco-design"); product-oriented environmental policy including bioenergy and biofuels; and environmental facilities design. Candidates must hold a doctorate in an appropriate field and are expected to establish an outstanding, competitive grant-funded research program as well as contribute to both
undergraduate and graduate instruction. Applicants at the level of Assistant Professor are preferred, but appointments at the Associate Professor level based on proficiency and record will be considered. Salary and rank will commensurate with qualifications and experience.

Information on the Canadian government's Canada Research Chair program can be found at www.chairs.gc.ca. All positions are subject to review and final approval by the CRC Secretariat. Canada Research Chairs are open to individuals of any nationality; offers will be made in accordance with Canadian immigration requirements associated with the Canada Research Chairs program. UBC hires on the basis of merit and is committed to employment equity. All qualified persons are encouraged to apply, and we especially welcome applications from members of visible minority groups, women, Aboriginal persons, persons with disabilities, persons of minority sexual orientations and gender identities, and others with the skills and knowledge to engage productively with diverse communities.

Applications are accepted electronically via wood.reception@ubc.ca until January 15, 2017. The application should include curriculum vitae, a statement of research interests and their relevance to the interests of the advertised position, three sample publications which should be regarded as one’s most influential works, a statement of teaching interests and three reference letters.

Questions should be directed to Professor Stavros Avramidis, Head of the Department of Wood Science at stavros.avramidis@ubc.ca.

UBC hires on the basis of merit and is strongly committed to equity and diversity within its community. All qualified persons are encouraged to apply; however, Canadian citizens and permanent residents in Canada will be given priority. We especially welcome applications from members of visible minority groups, women, Aboriginal persons, persons with disabilities, persons of minority sexual orientations and gender identities, and others with the skills and knowledge to engage productively with diverse communities.