# PhD POSITION in Plasma activated water and mist characterization and stability of reactive species

**Summary**

We are looking for a PhD student to join our research group, in the interdisciplinary research area "*Plasma activated water and mist characterization and stability of reactive species*".
The successful candidate will conduct research at University of Alberta in following areas:

- Plasma activated water and mist characterization
- Plasma reactive species stability and their interaction with biofilms and food/biomaterials

**Candidate profile**
The position requires a student with interdisciplinary experience in engineering and microbial analysis. The candidate will work with a multidisciplinary research team including graduate students and industry partners.

**Preferred qualifications:**

- Masters in Food Process Engineering, Biological and Agricultural Engineering or Food Microbiology or related areas;
- Demonstrated record of research productivity
- Ability to work independently and collaboratively in interdisciplinary research project

**To Apply:** Please e-mail your detailed academic CV, contact information of three references, unofficial transcripts, a cover letter to **roopeshms@ualberta.ca**:

**Dr. M. S. Roopesh**
Department of Agricultural, food and nutritional science
University of Alberta
**Email: roopeshms@ualberta.ca**
**Research group website: https://foodsafetyengineering.ualberta.ca/**

Prefered starting date: May 1, 2022

**We thank all applicants for their interest; however, only those individuals selected for an interview will be contacted.**

*The University of Alberta is committed to an equitable, diverse, and inclusive workforce. We welcome applications from all qualified persons. We encourage women; First Nations, Métis and Inuit; members of visible minority groups; persons with disabilities; persons of any sexual orientation or gender identity and expression; and all those who may contribute to the further diversification of ideas and the University to apply.*