

## Strategic Research Plan (2018-2023) Faculty of Science December 6, 10am-11am

Agenda Item	Notes
Chair Welcome	Professor Cora Young Chaired meeting as a member of the SRP Advisory Committee Chair welcomed Faculty members and extended thanks for joining. It was noted that the Faculty members that joined the session were new to York U within the last 12 months.
Review SRP areas of Strength and Opportunity	C. Young led Faculty members through slides beginning with the SRP format, areas of research strength and areas of opportunity.
Audience Comments/ Discussion	Commentary on current SRP areas of strength- Advancing Fundamental Discovery is key as it under pins the societal challenges- it is the foundation of the other areas of strength.  Integrating Entrepreneurial innovation & the Public Good- stressed that this area should integrate and emphasize more areas of science  Overall would like to see all areas of strength more interdisciplinary with science being integrated into the other areas. Suggested if better integration then could possible remove the area of Exploring the Frontier of Science & Technology.  Suggested all areas could be reformatted and re-defined to express a societal challenge rather than more siloed discipline area.  Commentary on current SRP areas of opportunity- Public Engagement for a Just and Sustainable World- found this opportunity area confusing as it was suggested that it duplicated the area of strength Forging a Just & Sustainable World. It was felt that it doesn't quite reflect the description fully, suggested considering changing title / or broadening the new area of opportunity Innovative Partnered Research to integrate all the partnerships described within the 'public engagement' area.  Commentary on Artificial Intelligence - very supportive of including this area of opportunity and pursing an interdisciplinary approach. Highlighted law as an additional component to be included within the area.  Remark on ORUs-noted that those within the Faculties that are engaged in ORUs don't engage with the Faculty – seems counterproductive to being interdisciplinary.  Format of current SRP- where should PIER be mentioned and how to integrate? Suggested main PIER reference be included in the area Commitments to the Support of Research as supporting research and achieving our targets with some operational goals.  Comments on the overall goals of the SRP- emphasize that we want to be globally leading- above and beyond just achieving research excellence. To be globally

leading we need intensity and supports, improvement of facilities, hiring in growth areas, infrastructure investments.

How do we define how we are excellent?

Remarked on considering a variety of outputs. Highlighted graduate students as a market- ie: number of graduate students/ increasing graduate student enrollment would be a key measure of success. Additionally, tracking increase in tri-council funding as it is more reflective on research output. Increase of graduates in programs and graduation rates. In particular senior PhD students who are conducting the top level research work- particularly in sciences- measuring the placement/ success/ impact of our students should be an objective. Further, York should look to better support startups in science fields, suggested utilizing our underused lab space here at York to assist.

Referenced new ways of teaching / new teaching innovations should be included in the SRP. Fostering new methods of learning technology/ education research specifically.

Also mentioned science literacy- possibly add into *Public Engagement for a Just and Sustainable World*.