



**XPRIZE
CANADA
HUB**

Fellowship Description

Fellowship Opportunity: XPRIZE Research Consultant (Interspecies Communication)

XPRIZE Overview:

XPRIZE is a global future-positive movement of 1M people and rising. As a 501(c)3, XPRIZE delivers truly radical breakthroughs for the benefit of humanity and solves some of the world's greatest challenges. Active competitions include the \$100M XPRIZE Carbon Removal, the \$22M Wildfires XPRIZE, the \$15M XPRIZE Feed the Next Billion, the \$10M ANA Avatar XPRIZE, the \$10M XPRIZE Rainforest and the \$5M XPRIZE Rapid Reskilling. Join XPRIZE to help create a better future for everyone, everywhere. We operate across incredible domains, including:

- Energy & Climate & Nature
- Food, Water & Waste
- Deep Tech & Exploration
- Learning & Society
- Health

Overview:

XPRIZE is excited to offer a rising leader the opportunity to learn and grow by contributing to the Partnerships & Impact team's efforts to define, measure and report the impact of XPRIZE's upcoming Interspecies Communication competition.

The Fellow will work closely with XPRIZE's Senior Vice President to perform primary and secondary research and analysis to assess the industry landscape of the XPRIZE Interspecies Communication prize. The Fellow will work within the impact framework defined by XPRIZE to establish a baseline evaluation across a host of variables that the Foundation posits will be affected by the competition. Using a myriad of public and private datasets, the Fellow will work towards a final report that defines the industry pre-prize. This report will be used post-prize to measure any significant change to metrics such as: current innovations (e.g. type and number of efficacious therapeutics), investment in the market aligned to the prize, number of business firms, public sentiment, validation infrastructure and methodology, media publications, peer-reviewed articles, government policies surrounding the issue, etc. The final report will be robust including literature review, data analyses and visualizations, qualitative storytelling, and hypotheses on how XPRIZE will influence the market/industry.

Additionally, the Fellow will be responsible for drafting collateral to effectively communicate this report to key stakeholders, both internal and external; and, for future prizes, potential prize sponsors.

Skills and Experience:

- Graduate degree in relevant fields, such as biology, economics, data science, linguistics, cognitive science, computer science, etc.
- Demonstrated expertise in research methodology, data analysis, and technical writing.
- Proficiency in data collection strategies and experience using publicly available data (e.g., arXiv and bioRxiv, Google Scholar, Crunchbase or PitchBook, industry reports by McKinsey, BCG, and others, as well as government databases such as NSF and NIH grant records)
- Familiarity with animal communication research, AI/machine learning trends, and/or technology impact assessments is a major plus but not required.
- A passion for the use of technology and innovation to solve grand challenges.
- Ability to work independently while working remotely.
- Strong verbal and written business communications skills.
- Proficiency with Microsoft Office and the Google suite of products.

Fellowship Activities/Tasks:

- Operationalize the XPRIZE Impact Framework for your specific prize(s)
- Perform primary and secondary research, data collection, and analyses to report on the industry/market pre-prize of your active competition(s).
- Source, validate, and analyze reliable data to construct a rigorous baseline assessment of the industry landscape.
- Identify additional metrics and variables outside the primary impact framework that might be altered due to prize competitions and measure/evaluate accordingly.
- Complete literature review on state of the market/industry and/or solutions to the challenge addressed by the prize.
- Produce data visualizations and other communication assets.
- Draft a full assessment report for your prize which synthesizes all research and data to tell a story about why the XPRIZE Interspecies Communication competition is important and how the prize might alter the current state in the future.
- Create compelling collateral to effectively communicate key findings to internal stakeholders, external partners, and prospective prize sponsors.

This fellowship is designed for individuals who are passionate about shaping a sustainable future and eager to make a tangible difference in the world. If you are ready to take on this challenge, we look forward to receiving your application at xprizehub@ucalgary.ca.

Application Deadline: September 18, 11:59AM, 2026.