

Defining the Program Clearly

Applied and Community-based Research combines practical experience and theoretical knowledge to create a graduate with the capacity to develop, design, manage, and successfully complete a research project for a diverse range of clients. Figure 1 provides an overview of the program design.

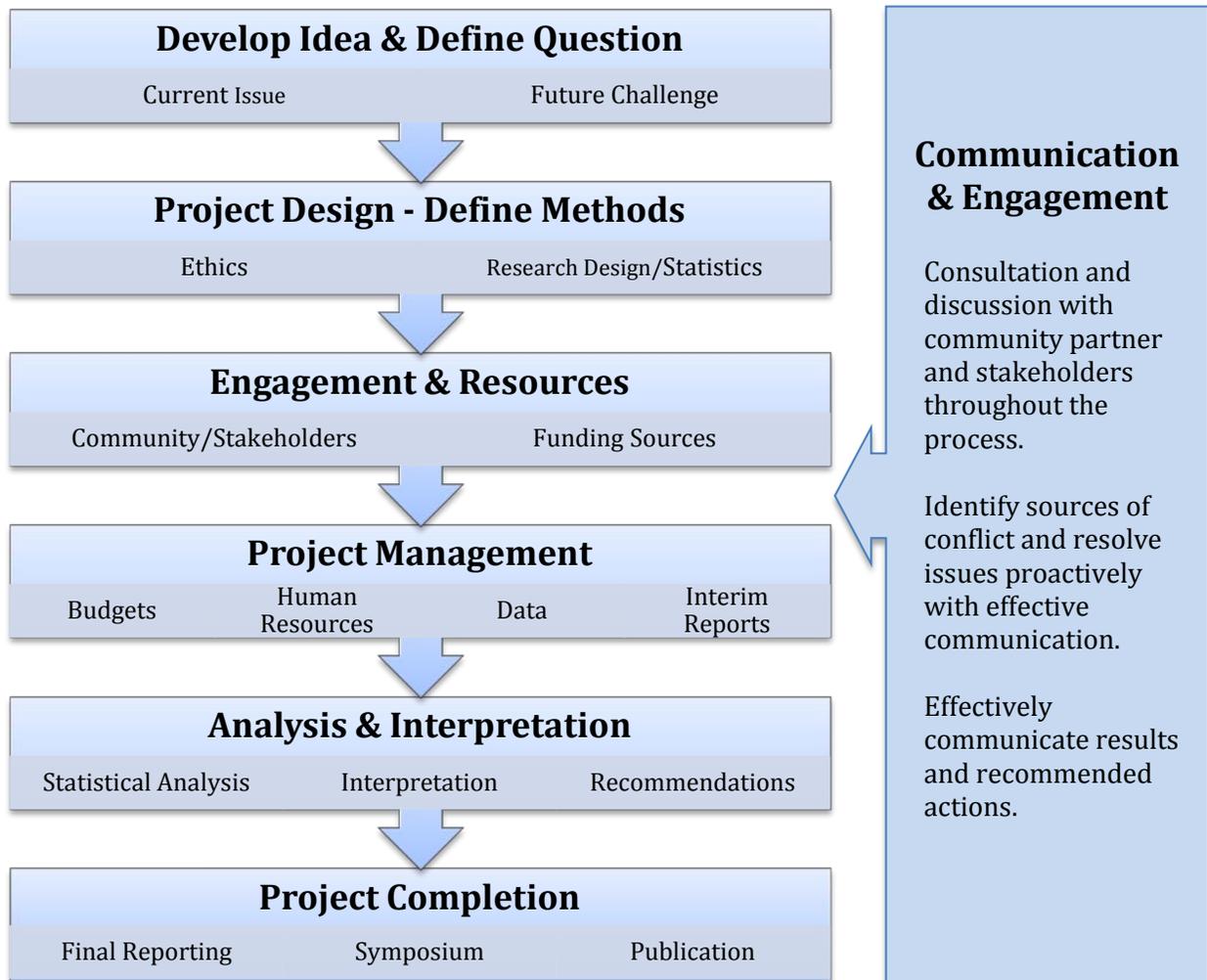


Figure 1: Project Development Sequence and experience the ACBR program aims to provide

What Kinds of Projects?

The college and program advisory committee will establish our research project partners with a focus on establishing long-term relationships with a few organizations rather than multiple short-term projects. We will follow the principle of slow sustainable growth to ensure quality of the opportunities for our students and our partners. Currently the program has four collaborative relationships. Each one is listed below with a brief sample of some potential projects associated with each prospective partner:

Ontario Parks Projects: Habitat mapping, monitoring species at risk, land-use impact on species/ecosystems and public education/engagement strategies.

Marine Turtle Conservation Projects in Costa Rica: Nesting success, poaching rates, economic factors influencing poaching, community engagement strategies to reduce poaching and improve volunteer experience/participation.

Centre for Alternative Wastewater Treatment Projects: Assess and evaluate various technologies associated with wastewater treatment and reduction.

City of Kawartha Lakes Projects and Kawartha Conservation: Lake management plan, waste and wastewater issues, sustainable economic and environmental models of community development, habitat and wildlife conservation research.

2015 Project Titles and Partners:

- Land cover preference of the Eastern Wolf (*Canis lupus lycaon*) within Kawartha Highlands Signature Site Park (Partner: Ontario Parks and Ministry of Natural Resources Wildlife Branch)
- Consultation and Land-use Planning with Curve Lake First Nation and Ontario Parks (Partner: Curve Lake First Nation and Ontario Parks)
- Challenge and change in socio-economic systems associated with conservation initiatives: Characterization of the current state of Parismina's homestay system. (Partner: Asociacion Salvemos las Tortugas de Parismina, Costa Rica)
- Capacity of Canadian Rye Grass to remove salts from greenhouse effluent. (Partner: Centre for Alternative Wastewater Treatment and Queen's University)
- Evaluating the impact of rainwater runoff mitigation methods used in the community of Agustin Gonzalez, Guanajuato, Mexico: An Analysis of Nitrates and Phosphates in Run-off (Partner: Salvemos al Rio Laja)