



Hamilton

2020 CITYLAB UPDATE FOR ACPD COMMITTEE

October 13, 2020

- CityLAB is an innovation hub that brings together student, academic, and civic leaders to co-create a better Hamilton for all.
- CityLAB matches students and faculty with City staff to develop innovative solutions to city-identified projects that align with the City's Strategic Priorities.



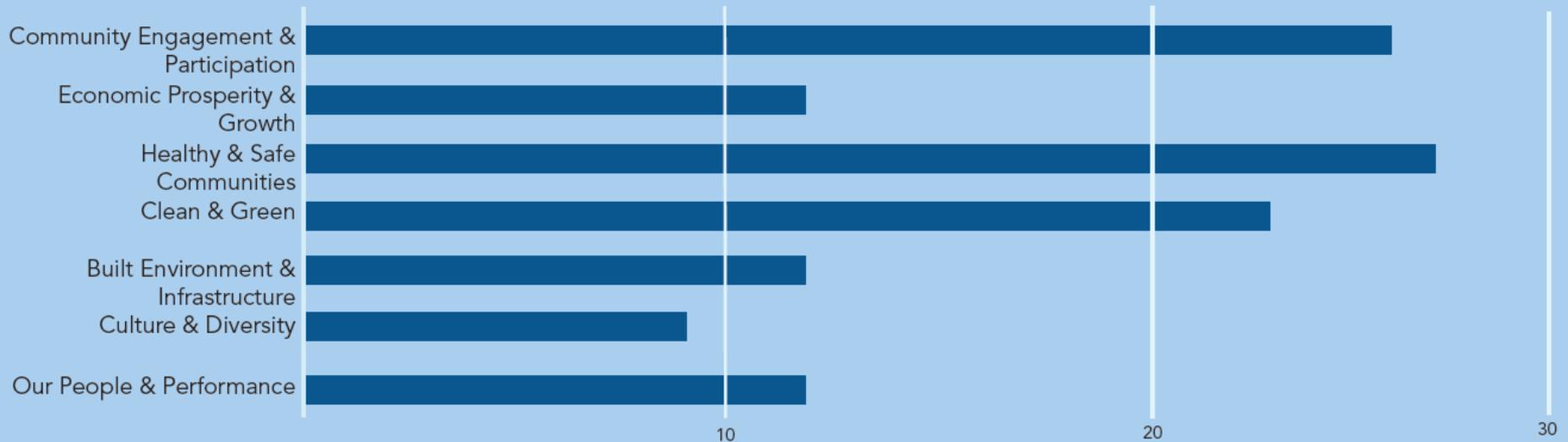
- Program level metrics
- Highlights from selected projects
- Upcoming projects and program growth





have created **106** projects & contributed
39,000+ student hours
towards moving our City forward, *together.*

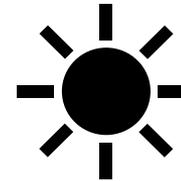
Number of Projects by Strategic Priority Area



Term of Council Priorities



Equity, Diversity,
and Inclusion



Climate Change



Multi-Modal
Transportation

CityLAB is

- Saving money on research and data collection
- Giving City staff direct access to extra resources and people power
- Leveraging student time to support staff initiatives
- Helping students see their future in Hamilton





Transformed
public spaces



Improved public
communications
for paramedics



Increased
neighbourhood
level climate
resilience



Created new ways
to track illegal soil
dumping



Tracked changes to
invasive species in
the harbour



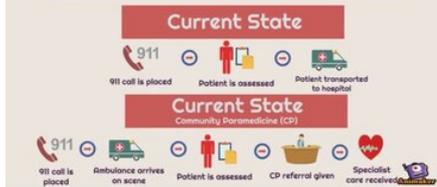
Developed service
animal policy for
DARTS

See more at www.citylabhamilton.com/projects

Remember the ONE before you dial 911

Everyone can call 911 -everyone has options- recognize what YOU need!

How does the Current System Work?



Raising awareness about the two current states available



Infographic to raise awareness about community paramedicine

GOAL: Community Engagement & Participation

CHALLENGE

To propose a method of communication to raise awareness about community paramedicine in Hamilton.

PROGRESS

Our proposed strategy for this challenge was to create a brand that we can work under to focus on informing the public on how their needs can be met through community paramedicine. Our main communication campaign is divided into four interconnected parts - a website, infographic, video and prepared lecture sessions.

NEXT STEPS

Our next steps for our project would be making our ideas a reality! We would love to put our strategy into place and witness how our work can benefit the community. These resources will be shared accordingly and will focus on the program objectives of community paramedicine and how these objectives can be appropriately achieved.



Community challenge winners

BACKGROUND

We must first define a problem that requires imminent change - the unsustainable development of stress on the healthcare system as a result of undifferentiated care and prolifically unmanageable 911 call volume. The goal is to communicate the adoption of diversified care which offers alternative treatment options when considering 'emergencies' and effectively bridge the gap between primary and emergency care to substantially improve sustainability, economic standing and the proactive treatment processes.

REMEMBER THE ONE BEFORE YOU DIAL 911

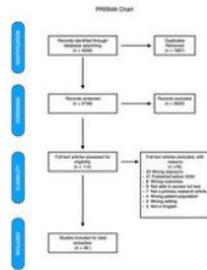
- OPTIONS** - There are other options available
- NEED** - recognizing what's happening and what you might actually need
- EVERYONE** - Can call 911, but some need it *more* than others



Students: Adrian Cerio, Christine Halim, Sriko Manoharan, Amanda McCall, Adeel Syed
Staff: Joe Pedulla, Supervisor, Healthy and Safe Communities
PMP, CHE, MHSc, ACP, RRT
Instructor: Dr. Katie Moisse
Course and Department: LIFESCI 3P03: Life Sciences

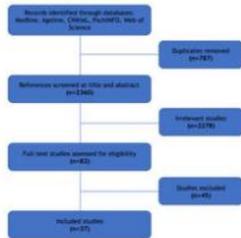
Driving Towards Better Health

The impacts of transportation on health and the solutions in Hamilton



Group 1 Prisma Flow Diagram

PRISMA Flow Diagram



Group 2 Prisma Flow Diagram

GOAL: Healthy and Safe Communities.

CHALLENGE

Identify the impact of transportation on health and explore transportation solutions in Hamilton's rural areas

PROGRESS

- Consulted with a City staff member to better understand existing issues and develop relevant research questions.
- A literature search was conducted after designing a search strategy.
- Completed literature search demonstrating the impact of a lack of access to transportation on health and innovative transportation solutions.

NEXT STEPS

- Critically appraise selected articles using the Critical Appraisal Skills Program checklist to evaluate the quality of the selected evidence.
- Extract relevant data from the selected articles.
- Synthesize the extracted data and develop recommendations to address the research question.
- Finalize rapid review report.

Students: Alessandra Andreacchi, Alanna Miller, Pragya Mishra, Jason Morgenstern, Elise Desjardins, Anisa Hajiadeh, Limor Helpman, Jessica Jones, Rosa Stalteri
Staff: Sharon Mackinnon, Public Health Nurse
Instructor: Dr. Emma Apatu, Director of Public Health Program
Course and Department: Master of Public Health Program, Department of Health Research Methods, Evidence & Impact,



Group 1 Photo

BACKGROUND

The City of Hamilton aims to be an age-friendly community and improving transportation has been identified as a specific goal area. As acknowledged by the World Health Organization, improving mobility is a key feature to encourage active aging especially once driving is no longer an option. Alternative transportation services are often limited in rural areas. Innovative transportation solutions are needed to improve mobility for adults age 55+ living in rural areas in Hamilton.



The King William Street Opening Project





COVID-19 EFFECTS ON PARKLAND

How has the COVID-19 pandemic changed how people use and value parkland?



CONNECTING FAMILIES WITH LOVED ONES IN LONG-TERM CARE

How can we create an electronic platform for families to better engage in the lives of their loved ones in long-term care facilities at the City?



YOUR CITY IN DATA: VISUALIZING INFO THAT MATTERS

How can we use data visualization and other engaging communication strategies to show the value of municipal services?

For all of the current challenges, visit <https://www.citylabhamilton.com/challenges>

- Pivoted to fully online project matching with our Online Matchmaker sessions, available on our website
- Increased documentation and searchability of project info
- Improved and enhanced evaluation for each project





- Well-positioned to immediately support the City in uncertain times
- Leveraging resources from post-secondary partners to extend impact of staff
- CityLAB Hamilton is a recognized leader in innovation partnerships in Canada



CityLAB Highlights 2020

<https://www.youtube.com/watch?v=dMyp7OqKwI0&t=3s>



Hamilton

THANK YOU