



INNOVATION CENTER
of ST. VRAIN VALLEY SCHOOLS

SeniorCitizensConnect **with Watson**

St. Vrain Valley Innovation Center

A woman with short grey hair and glasses is sitting in a black leather armchair, looking out a large window. She is holding a small electronic device in her right hand. In the foreground, a white mug sits on a wooden table. The room is bright with natural light from the window. The background shows a wicker chair and a wooden chair.

11%

Isolation of seniors

11% of Longmont, Colorado's population are seniors or live in assisted living facilities. Many of them do not have much connection with their relatives or the outside world.




26%

Isolation of seniors

With the rise of the COVID19 pandemic, many businesses and social gatherings have closed, leaving much of this segment of the population feeling isolated.

Social isolation and loneliness have been linked to many mental and physical health problems such as heart disease or depression, and are estimated to increase the chance of early death by 26%.




40% of teenagers from the age 16-24 said they felt lonely very often. The percent of high school seniors who said they often felt lonely increased from 26 percent in 2012 to 39 percent in 2017.

11%

of teens have
social anxiety

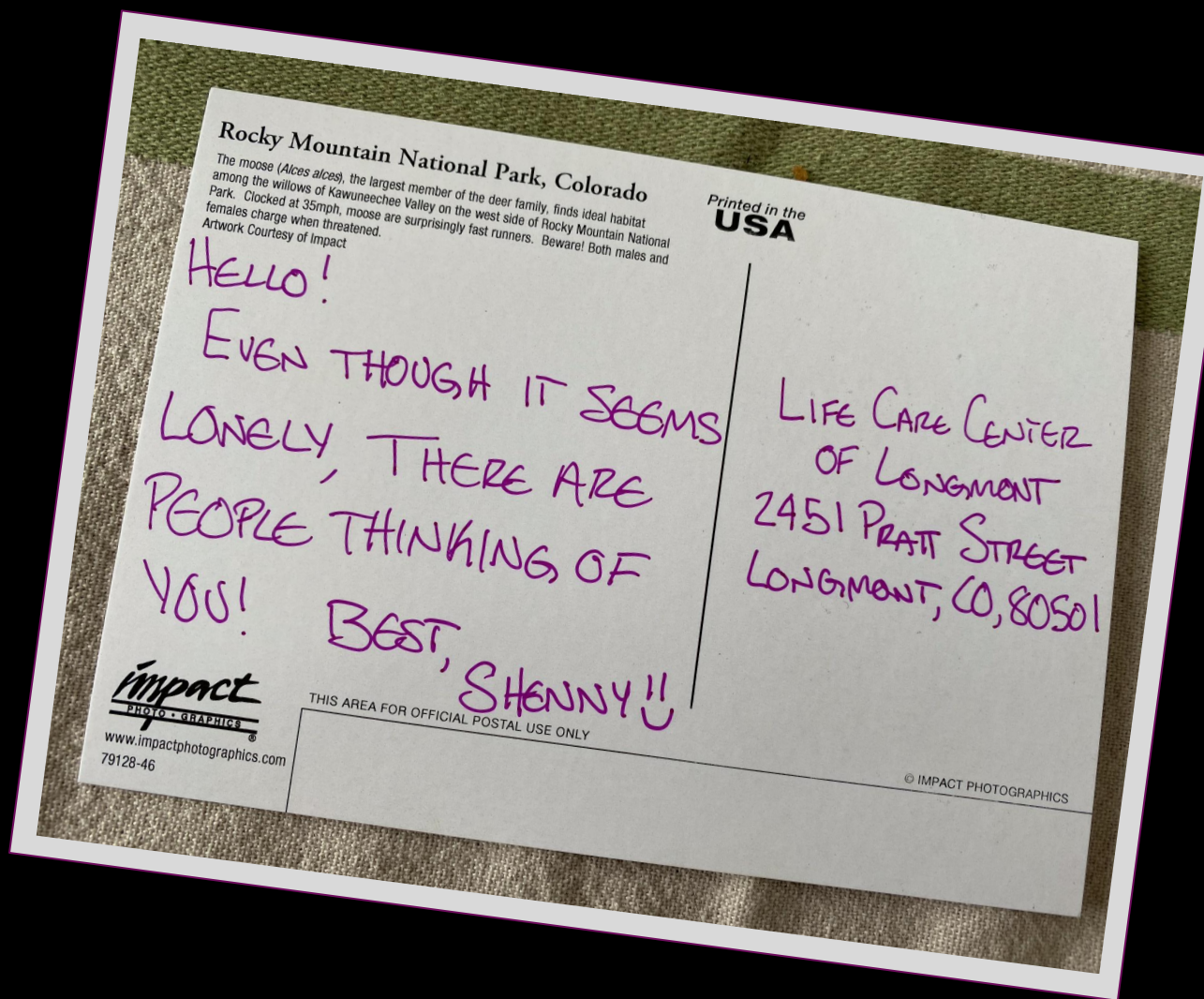
Isolation of Students

Lack of Intergenerational Exchange

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- The background of the slide is a reproduction of Michelangelo's famous fresco, "The Creation of Adam," from the ceiling of the Sistine Chapel. It depicts the hand of God reaching towards the hand of Adam, with a small gap between their fingers. The image is aged, with visible cracks and discoloration.
- Lack of understanding and empathy
 - Our community does not foster youth with seniors hangout.
 - Generational gap makes it difficult to communicate
 - Tech can come to the rescue (removes the need to make a trip, matching availability)

Origin Story: Silver Creek High School

We wanted to build upon something and make it more meaningful and impactful during this crisis by implementing the technology that IBM Cloud has provided us with.



Meet The Team



Emmett M
12th Grader
Longmont HS



Axel R
Coordinator of Innovation
St. Vrain Innovation
Center



Ivan P
IBM Watson
Acceleration
Leader



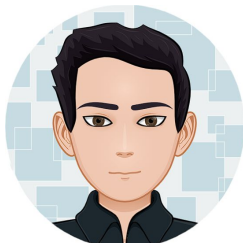
Carrie A
SCLA Coordinator
Silver Creek HS



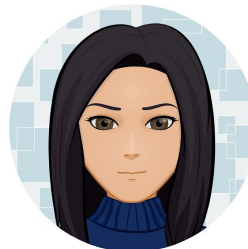
Mostafa P
Marketing Prof.
CU Boulder



William M
12th Grader
Silver Creek HS



William VV
11th Grader
Silver Creek HS



Kayleigh V
11th Grader
Silver Creek HS



Zachary S
12th Grader
Longmont HS



Connect Seniors with Students

Our main goal is to connect senior citizens with students from all grades. We can take advantage of this situation to establish a stronger connection and understanding between generations.

SeniorCitizensConnect with Watson

- Platform for facilitating intergenerational pen pals
- AI matches student/senior using Big 5 personality theory
- Connects seniors with students via technology



Using Tech to Match up Intergenerational Pen Pals

IBM Watson



Personality Insights

Gain insight into how and why people think, act, and feel the way they do. This service applies linguistic analytics and personality theory to infer attributes from a person's unstructured text.

*This system is for demonstration purposes only and is not intended to process Personal Data. No Personal Data is to be entered into this system as it may not have the necessary controls in place to meet the requirements of the General Data Protection Regulation (EU) 2016/679.

Resources:

[API Reference](#)

[Documentation](#)

[Fork on Github](#)

Start for free in IBM Cloud



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