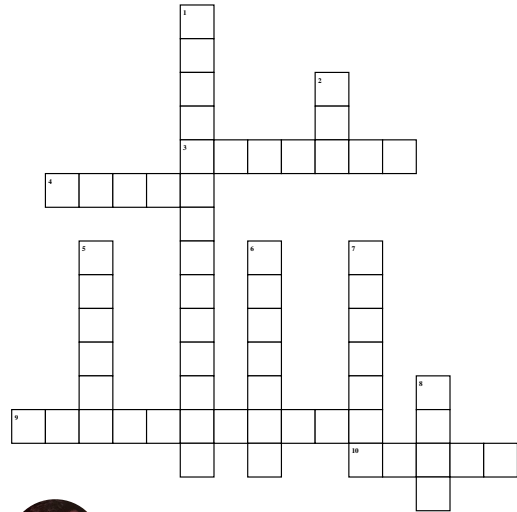


UPEI CROSSWORD



By: Devon Thistle
Managing Editor

Across
 [3] The first day of Autumn when the sun crosses the celestial equator
 [4] What is the skin that hangs off a turkey's beak called
 [9] What Christmas song was originally a Thanksgiving song
 [10] How many days did the first Thanksgiving last

Down
 [1] What is the second most consumed food on Thanksgiving
 [2] What colour are turkey eggs
 [5] Another name for Fall
 [6] What is a male turkey called
 [7] What Autumn was once called
 [8] At the first Thanksgiving, what utensil was missing

BE THE FIRST TO SUBMIT THE SOLVED CROSSWORD VIA EMAIL AND RECEIVE A \$15 TIMS GIFT CARD

UPEI EVENTS

October 4th, 7pm - Netflix Trivia with Owen at The Fox and Crow
 October 4th, 6pm - Atlantic Veterinary College - Fall Awards and Recognition Night at the Atlantic Veterinary College
 October 5th, 11:30am - Lunch and Learn: What UPEI can learn from Ernest Boyer's Six Principles for a Good Campus Community

COME SUPPORT OUR PANTHERS

Home Games:
 October 4th, 7pm: Women's Ice Hockey vs Moncton
 October 7th, 7pm: Men's Ice Hockey vs UNB

Away Games:
 October 4th, 7pm: Men's Ice Hockey at Moncton
 October 6th, 7pm: Women's Ice Hockey at St. Thomas
 October 6th, 7pm: Women's Rugby at Acadia
 October 7th, 12pm: Women's Cross Country at UNB
 October 7th, 1pm: Men's Cross Country at UNB

We want to hear **YOUR VOICE!** Do you have something to say?
WANT TO SEE YOUR WORK ON THE COVER?

Submit your piece to The Cadre!
 Deadline for the next issue: *Friday, Oct.13*

Send your submission, including solved crossword to: cadreeditor@gmail.com. Email title: Submission to The Cadre
 We take: *campus news, rants, opinions, student event announcements, artworks, photography, anything you want to share as a UPEI student!*

A student with the most amount of published submissions in The Cadre will receive \$300!

THE CADRE HOROSCOPE

♈ ARIES
 (March 21 - April 19):
 This week, Aries, it's time to step out of your comfort zone and embrace new opportunities. Take a leap of faith and pursue that creative project or career change you've been dreaming about. Trust your instincts and let your passion guide you. The universe is on your side, so go for it!

♉ TAURUS
 (April 20 - May 20)
 Taurus, this week is all about finding balance in your relationships. Take time to communicate openly and honestly with your loved ones. Listen carefully to their needs and express your own. Compromise is key. Remember, teamwork makes the dream work, so work together to create harmony.

♊ GEMINI
 (March 21 - April 19)
 Gemini, this week is perfect for expanding your knowledge and exploring new ideas. Sign up for that online course or dive into a captivating book. Your thirst for information is strong, so indulge it and let yourself grow intellectually. Your curiosity will lead you to exciting discoveries.

♋ CANCER
 (June 21 - July 22)
 Cancer, this week brings a wave of positivity and abundance. Trust in your abilities and seize the opportunities coming your way. Financial gains are possible, so be open to new investments or revenue streams. Don't be afraid to take calculated risks and watch your prosperity grow.

♌ LEO
 (July 23 - August 22)
 Leo, this week prompts you to focus on self-care and well-being. Take time to recharge and pamper yourself. Embrace relaxation techniques such as meditation or yoga. Prioritize your health and listen to your body's needs. Remember, a happy and healthy you shines brighter than anything else.

♍ VIRGO
 (August 23 - September 22)
 Virgo, this week is all about making connections and nurturing relationships. Reach out to old friends or make new ones who share your passions. Collaborations and networking will bring exciting opportunities. Embrace the power of teamwork and watch as your social circle expands.

♎ LIBRA
 (September 23 - October 22)
 Libra, this week encourages you to bring balance into your life. Find harmony between work and play, responsibilities and relaxation. Prioritize self-care and don't be afraid to say no to extra commitments. By finding equilibrium, you'll feel more centered and ready to take on any challenge.

♏ SCORPIO
 (October 23 - November 21)
 Scorpio, this week is about letting go of the past and embracing the future. Release any emotional baggage that's holding you back and focus on personal growth. Allow yourself to heal and forgive. Embrace new beginnings with open arms and watch as positive transformations come your way.

♐ SAGITTARIUS
 (October 23 - November 21)
 Sagittarius, this week is all about expanding your horizons and embracing adventure. Plan a spontaneous trip or try something new and exciting. Your thirst for exploration is strong, so satisfy it by stepping out of your comfort zone. Embrace the unknown and let the thrill of discovery guide you.

♑ CAPICORN
 (December 22 - January 19)
 Capricorn, this week brings career advancements and recognition. Your hard work and dedication are paying off, so don't shy away from taking on additional responsibilities. Trust in your abilities and showcase your unique talents. Success is within your reach, so seize the moment.

♒ AQUARIUS
 (January 20 - February 18)
 Aquarius, this week is all about nurturing your creative side. Express yourself through art, music, or writing. Embrace your unique ideas and share them with the world. Your creativity will inspire others and lead to exciting collaborations. Let your imagination run wild and watch as magic unfolds.

♓ PISCES
 (February 19 - March 20)
 Pisces, this week encourages you to focus on self-reflection and introspection. Take time to connect with your inner self and listen to your intuition. Trust your instincts when making decisions and don't be afraid to set boundaries. By honoring your own needs, you'll find peace and clarity.

THE CADRE

Tuning into Thankfulness

VOL
22
ISSUE
03

cadre /'kɑdrē/ **1.** A nucleus or core group of trained personnel. **2.** A framework, outline, or scheme.



UPEI Graduate student aims to save PEI Potato fields through AI



The early developments stage of the agricultural robot. Photo provided by Charan Preet Singh.



Agricultural robot in the P.E.I. potato field. Photo provided by Charan Preet Singh.



Charan Preet Singh with his agricultural robot. Photo provided by Charan Preet Singh.

In the heart of Prince Edward Island, amidst the potato fields that define our community, something remarkable is quietly coming to life.

Picture a modest robot, unassumingly winding its way through the rows of potato plants. It's not a scene from a sci-fi flick; it's the brainchild of Charan Preet Singh, a driven Master's student in Sustainable Design Engineering at UPEI.

For years, local farmers have battled the Potato Virus Y (PVY), a menace that threatens their potato yield. Such threats have grown exponentially, worrying the PEI Potato farmers. Faced with this challenge, Charan took it upon himself to make a difference. Collaborating with the Potato Board of PEI and guided by the visionary Aitazaaz Farooque, Interim Dean of the School of Climate Change and Adaptation, he set out to create something truly groundbreaking.

The idea was elegantly simple: craft a robot armed with cameras and artificial intelligence to pinpoint even the slightest signs of PVY. But behind this simplicity was a world of complexity. Charan spent PEI's brief summers collecting invaluable data, partnering with local farmers, and venturing into New Brunswick. His goal? Gathering over 100,000 images, essential for training the robot's perceptive eye via Machine Learning algorithms.

As the robot took shape after through ideation and design process, it became more than a marvel of mechanics. It became a testament to human imagination, a blend of technology and practicality. With its trio cameras, it could assess three rows of potatoes while cruising at 5 kilometers per hour. This unassuming machine wasn't here to replace human effort; it was here to amplify it.

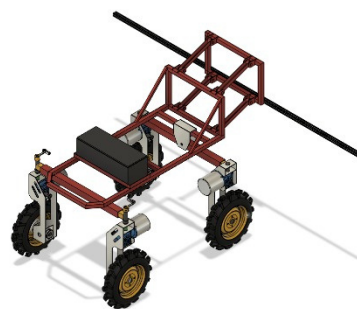
At its core, Charan's project has been a potato-saver. It doesn't just spot infected crops; it highlights them, giving our farmers precise locations within the field. It's a tool that empowers, making the challenging task of roguing—removing the infected plants—more manageable and efficient.

Consequently, it would maximize the potato yield as it speeds and simplifies the roguing process.

Charan dreams of a future where his project doesn't just identify problems; it solves them autonomously. Envision a world where these robots independently remove the infected crops, leaving our PEI potato fields healthier and more fruitful.

Currently, Charan's robot stands at the edge of possibility. It's a work in progress, a testament to his determination and insight. Final testing is just around the corner, with a launch anticipated in the summer of 2024.

In our beloved PEI, where the fields echo tales of hard work and perseverance, Charan's robot isn't just a technological feat. It's a promise—a promise of a more sustainable future for our agricultural community.



Conceptual design of the agricultural robot. Photo provided by Charan Preet Singh.



By: Syed Imran
Managing Editor



THANKSGIVING GRATITUDE WITH A TWIST:

10 Playfully Ways You Can Embrace Thankfulness with your family/friends

Thanksgiving is just around the corner, and while it's a time for delicious feasts and family gatherings, it's also an opportunity to cultivate an attitude of gratitude. But who says expressing gratitude has to be all serious and sentimental? We've got 10 delightfully witty and playful ways that you can practice gratitude this upcoming Thanksgiving.

Get ready to add a dash of humor to your gratitude game!

The Punny Gratitude Game: Gather your friends or family members and challenge each other to come up with the punniest expressions of gratitude. From "I'm 'grateful' for the abundance of Dad jokes" to "Thankful for pizza because it's never too 'cheesy' to enjoy," let the laughter flow while appreciating the little things.

Hilarious Thank-You Notes: Take a twist on traditional thank-you notes by jotting down hilarious and unexpected reasons for being grateful. Express appreciation for your pet's ability to nap through anything or for the internet's endless supply of cat videos. Surprise your loved ones with laughter-induced gratitude!

Giggle-Inducing Gratitude Jar: Create a gratitude jar and fill it with funny moments or silly things you're thankful for throughout the day. Whenever you need a boost of joy, reach into the jar and read one of the slips aloud. Prepare for fits of laughter and endless smiles!

The Compliment Roast: Gather your closest friends and engage in a friendly compliment roast. Take turns giving hilariously exaggerated compliments to one another, with a touch of good-natured teasing. You'll be amazed at how laughter and appreciation go hand in hand!

Thankful Treasure Hunt: Hide little notes of gratitude around your house or campus, leading your friends on a wild goose chase to find them. Make the clues as witty and amusing as possible, adding an extra layer of fun to this gratitude-filled adventure!

The Grateful Parody Song Karaoke:

Turn popular songs into hilarious parodies of gratitude! Rewrite the lyrics to express thankfulness for everyday things like pizza, Netflix, or even that one oddly satisfying sound your pencil makes when you sharpen it. Sing your heart out and embrace the laughter that ensues!

Gratitude Pictionary:

Put a gratitude spin on the classic game of Pictionary! Draw pictures representing things you're thankful for, but throw in some unexpected twists and funny interpretations. See if your friends can decipher your artistic genius!

Thanksgiving Comedy Skit: Gather your friends and put together a humorous skit that revolves around gratitude. Create amusing characters, witty dialogues, and unexpected twists to make everyone laugh while highlighting the importance of being thankful. It's showtime for gratitude and giggles!

Gratitude Mad Libs: Bring back the childhood favorite by playing gratitude-themed Mad Libs. Fill in the blanks with silly words and phrases that express appreciation for everything from ice cream truck jingles to the satisfying sound of bubble wrap. Prepare for uncontrollable laughter as you read your hilarious creations aloud!

Funny Gratitude Olympics: Host a Gratitude Olympics event where participants compete in humorous challenges that celebrate gratitude. From the "Thankful Balloon Pop" to the "Silly Gratitude Relay," let the games begin and laughter reign supreme!

These 10 playful and lighthearted ways to embrace thankfulness will not only make you laugh but also remind you of the joy and humor that come with appreciating life's quirky moments. So gather your friends, embrace the funny side of gratitude, and get ready for a Thanksgiving filled with laughter, love, and lots of playful appreciation!



By: Grace Biswas
Editor-in-Chief

CAJ MENTORSHIP PROGRAM



The Canadian Association of Journalists' mentorship program pairs CAJ members with established professionals working in radio, television, digital, and print publications across the country. The CAJ's mentorship program has matched 622 journalists with 224 mentors since summer 2020.

Student journalists, those starting their career, and professionals at any career stage looking to develop new skills are encouraged to apply. This is a competitive program. While CAJ strives to pair as many applicants as possible with mentors, there is far more demand than their volunteers can meet. For some tips on strengthening your application, or if you have questions about the program, please visit caj.ca/programs/mentorship/

If you are not a CAJ member and the cost of membership would prohibit you from applying to the mentorship program, please send them an email at admin@caj.ca to be considered for a membership dues bursary to cover part or all of membership fees. Please note the CAJ offers reduced membership rates for students and low-income journalists ranging from \$20-\$40.

Applications are now being accepted for the Fall 2023 round of the mentorship program. Next intake in Spring of 2024.

Deadline is October 6, 2023.

Apply at caj.ca/programs/mentorship/.