

[DiscoveryLab@AgSmart Meeting in partnership with Olds College](#)

Date: Monday July 29, 2024 from 9am - 5pm Mountain Standard Time (MST)

Location: [Werklund Lecture Theatre & Lobby](#), 4534 49 Street, Olds, AB T4H 1R6

Google Meet Video call link: <https://meet.google.com/yiz-nkki-ggk>

Schedule

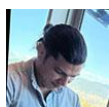
9:00 am MST Virtual meeting opens with introductions and sharing of news

Agtech Session 1 chaired by Maxwell Olson, Student, Olds College



9:10 **Doug Kirillo**, CEO, **AltaGreen Products Inc.** formulating products for the equine, livestock and pet food markets using hemp seed as the major ingredient, blended with high-quality olive oils. Seeking capital for Poultry and Swine Project. [Scorecard](#)

Biotech Session chaired by Tomisin Omotoso, BSc Student, UofA



9:20 **Mardin (Asghar) Fallah**, CEO & Founder, **RNARevive Therapeutics** on revolutionizing the treatment of bone diseases, particularly osteoporosis, by using AI and self-replicating RNA technology. Seeking funding to support R&D, clinical trials, and operational costs. [Scorecard](#)

9:30 break

Engineering Session chaired by Emily Robinson, BSc Student, UofA



9:35 **Sara Saeedi**, Assistant Professor, **University of Calgary** on Towards the Agriculture Digital Twinning: Interoperable online 3D platform for developing Agriculture 4.0. [Scorecard](#)



9:45 **Mustafa Gül**, CEO, **City Scan Technologies**, providing AI-powered cost-effective and scalable infrastructure assessment solutions. Seeking a seed round equity investment for business growth and scaling and hiring engineers, business and software developers. [Scorecard](#)

9:55 **Discussion** and Close of virtual meeting

In-person Meeting: Opening



10:30 **Todd Ormann**, Vice President Development, Olds College of Agriculture and Technology



10:35 **Joy Agnew**, Vice President, Research, Olds College of Agriculture and Technology

In-person Agtech Pitch Session 2 Chair: [Brianna Elliot](#), Olds College



10:45 **Mark Olson**, President, **Flokk Systems** providing a digital software and hardware solution to ranchers for herd management and traceability reporting. Seeking pre-seed financing and support for manufacturing inventory and expanding staff. [Scorecard](#)



11:00 **Darren Wolchyn**, Founder & CEO, **Smart Paddock** on location tracking and status monitoring system for livestock animals, assets and farms. [Scorecard](#)

11:15 **Break**

In-person Agtech Pitch Session 3 Chair: [Lorna Baird](#), Olds College



11:30 **Jumai Abioye**, CEO & Founder, **PanAccess Innovations Inc.**, providing portable tools and devices and smart platforms for comprehensive, data-driven insights for use in farms, fields, and homes. [Scorecard](#)



11:45 **Styn Nieuwenhuis**, Founder, **FeedXchange**, transforming the livestock industry by providing a transparent, efficient, and sustainable platform for feed procurement that empowers farmers, brokers, and agricultural businesses with tools they need. [Scorecard](#)

12:00 - 13:00 **Lunch provided in the atrium**

In-person Agtech Pitch Session 4 Chair: [Keith Frielander](#), Olds College



13:00 **Robert Saik**, CEO, **AGvisorPRO**, mobile platform for connecting experts and companies and those seeking agriculture advice. Looking to launch visorPRO in spring 2024. [Scorecard](#)



13:15 **David Leroux**, CEO, **Circulus Agtech** turning organic waste, manure and digestate into precise biofertilizers, minimizing methane, purifying water, and replacing synthetic nitrogen through pioneering nutrient recycling. Seeking paid pilot projects on commercial cattle farms and/or biogas plants. Industry relations (Livestock Water Recycling), investors and strategic partners. [Scorecard](#)

13:30 **Break**

In-person Agtech Pitch Session 5: [Herman Simons](#), Olds College



13:40 **Rebecca Ung**, Founder, **Kumu Corporation**, developing bioplastic formulas for packaging manufacturers, turning food, plant materials, and minerals into sustainable products. Seeking connections to manufacturers with multi-layer thin film casting, pellet manufacturing, foam manufacturing, compression molding capabilities and clients interested in piloting products. [Scorecard](#)



13:55 **Nafaa Haddou**, co-Founder and CEO, **Nu Terra Labs**, developing control systems to meet the needs of farmers as well as FireSafe detection and management using AI modeling and predictive technologies. [Scorecard](#)

14:10 **Coffee Break**

In-person Agtech Pitch Session 6 Chair: [Alicia Cafferata](#), CARIN



14:25 **Bill Mitchell**, Founder, **Optiweigh**, an automated in-paddock livestock weighing that delivers tangible benefits to any size cattle operation. [Scorecard](#)



14:40 **Pankaj Purwar**, Co-Founder, **Farmer's Legacy Biotech**, creating healthy and sustainable oil for consumers. Raising \$250K to undertake field trials and get CFIA approval for harvesting Brahmola in Canada. [Scorecard](#)

14:55 **Break**

In-person Agtech Pitch Session Chair: [Sean Thompson](#), Olds College



15:05 **Tayab Soomro**, co-Founder and CEO, **PathoScan** developing in-field pathogen and disease testing devices for farmers and agronomists. to use for a variety of crop diseases. [Scorecard](#)



15:20 **Hamid Abdelrhman**, CEO, **Canvita**, providing access to get vitamins regardless of dietary restrictions, or religious and personal beliefs. [Scorecard](#)



15:35 **Stanley Pankratz**, President and CEO, **Rainforest Algae Corp**, developing photobioreactor systems for the cultivation of microalgae. [Scorecard](#)



15:50 **Closing Discussions**

16:00 - 17:00 **Networking Reception** sponsored by **JoyHall** and **Blindman Brewing**

17:00 **Close of Meeting**



Free Tickets for DiscoveryLab@AgSmart Attendees on July 29 at 6 pm to [Farms of the Future: The Evolution of](#)

[Agriculture](#) at the [Ralph Klein Centre](#), 4500 - 50th Street, Olds: A special screening of this documentary film presented by BASF and Richardson Pioneer that dives into the past, present, and future of agriculture to see how much technology has changed farming since the Technological Revolution began with the creation of the internet, and how this has helped farmers become more efficient, sustainable, and environmentally friendly.

Free Tickets to [AgSmart Educational Expo](#) on July 30 & 31 for DiscoveryLab@AgSmart Attendees - click below: <https://www.eventbrite.ca/e/agsmart-2024-registration-883766979827?discount=DISCOVERYLAB24>

Feedback: Please complete the short [Event Evaluation Form](#).

Event Format: Virtual and in-person pitch slots are 10 and 15 minutes long, respectively, with half for pitching and the rest for questions with the panel of business advisors, mentors and investors who receive the reports, feedback, plans, decks and videos. Share your screen for Google meet pitches, for in-person we'll load them.

Presenters are welcome to bring team members after sending their emails and names to the organizer. Space is limited for this event so presenters are invited to come to the prep room about 10 minutes before their pitch.

Confidential disclosure agreements are not provided, but information exchanged at this private event should be considered privileged and should not be shared publicly.

Evaluation forms for each pitch will be shared and collated anonymized scores and feedback will be shared with the presenters and registered investors and advisors.

Location: **Werklund Lecture Theatre**, Olds College of Agriculture & Technology, , 4534 49 St, Olds, AB T4H 1R6

Map: https://www.oldscollege.ca/_media/oldscollege_campusmap_web1.pdf

Parking: Free. Attendees can enter at Entrance B and Park in Lot B across from Werklund Ag Tech Centre (Building #2, top left of map) near the water tower. Lot C is the overflow parking for this event.

Entry: Check in with reception upon arrival, then make your way to the lobby and presentation room.

Seating: Sponsors and investors have priority seating at front tables.

Attire: business casual

Food: Lunch, coffee breaks and drinks reception provided for registered in-person attendees.

Wifi: Available through Olds College network.

Presenters: Please [upload](#) your latest deck before July 29 at 8 am so that we can test it. Virtual presenters will be asked to share their screen. In-person presenters have a lectern and keyboard.

Recording: Sessions will be recorded by the organizers in order to help the presenters, investors and advisors. No other recording is allowed.

DiscoveryLab Event Organizers: [Michael Overduin](#), CEO, E: michael@discoverylab.ca; c: 780 222 6281

Sponsors and Partners:



Registered Attendees:

Abiola	Abioye	Finance and Operations Associate	PanAccess Innovations Inc.
Aiea	Mansour	Associate	PanAccess Innovations Inc.
Alicia	Cafferata-Arnett	Co-Manager CARIN	Red Deer Polytechnic
Alisa	McNaughton	Investment Analyst Intern	The51 Food and AgTech Fund
Allan	Waine	Head of Startup	Edmonton Unlimited
Angela	Fuller	Administrative Research Officer	Olds College
Antia	Ludwar	Principal	The51 Food and AgTech Fund
Anton	Bellot	Director Agribusiness & Agri-Food	ATB
Atul	Nayyar	Sr. Development Partner, OCCI & Smart Farm	Olds College
Bill	Mitchell	Founder	Optiweigh
Bre	Walkeden	Community + Partners Manager	Cultivator powered by Conexus
Brianna	Elliot	Techonomist	Olds College Centre for Innovation
Calee	Dufva	Senior Relationship Manager	FCC FAC
Carter	MacLellan	Investment Analyst	AltaML
Chris	Ouellette	Research Technical Lead, Smart Ag Applied Research	Olds College
Christopher	Johnson	Director - Development	Olds College
Dale	Norton	Councillor	County of Paintearth
Dale	Johnston		Flokk Systems
Darren	Wolchyn	CEO	Smart Paddock
David	Leroux	CEO	David Leroux
Doug	Collie	Editor	The Albertan
Douglas	Kirillo	CEO	AltaGreen Products inc.
Emily	Robertson	Student	University of Alberta
Evan	Buie	Trade Commissioner	Global Affairs Canada
Gail	Powley	President	Technology Alberta
Garson	Law	Program Manager	CAAIN - RCAIA
Geoffrey	Shmigelsky	CTO	OneCup AI
Guillaume	Bedard	VP Growth/Managing Partner	Tangent Design Engineering
Hamid	Abdelrhman	CEO	Canvita
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Henriette	Stander-Breedt	Manager - Acme	Olds College
Henriette	Breedt	Feedlot Manager	Rimrock Cattle Company
Herman	Simons	Manager Applied Research Smart Ag	Olds College
Ismail	Haddou	CTO	Nu Terra Labs
Jacqui	Mitchell	Founder	Optiweigh
James	Chepyha	Senior Executive in Residence	Foresight Canada
Jaspreet	Singh	CEO	Richmond Consulting
Jeff	Horton	Organizer	Red Deer Start Here
Jennifer	Reid	Director	ADEPT
Jennifer	Jensen	Executive Director	Calgary Innovation Coalition
Jim	Boyes	Operations Mgr	ISAIC, University of Alberta
Jordan	Balaban	President	Greengate
Joseph	Batty	Founder	Rethinking Capital
Joy	Agnew	Vice President, Research	Olds College of Agriculture
Julie	Lovell	Outreach	Government of Alberta
Jumai	Abioye	Founder and CEO	PanAccess Innovations Inc.
Kaitlyn	Kenney	Strategic Initiatives Manager	County of Paintearth
Karamat	Rezaei	Ressearch Associate	University of Alberta
Keith	Friedlander	Research and Scholarly Activity Lead	Olds College
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Kelly	Krahulic	Investment Manager	Carrot Ventures
Ken	Hein	Executive Advisor	DiscoveryLab
Kevin	Frankowski	Project Lead	Olds College
Kevin	McNulty	Executive Advisor	DiscoveryLab
Kira	Deibert	Intern	UofA Innovation Fund
Linda	Ho	Applied Research Chair - Agri-Food Sustainability	NAIT
Lorna	Baird	Manager - Entrepreneurship & Innovation	Olds College
Louis	Brown	Principal	Carrot Ventures
Manrajdeep	Sandhu	Director	Broadway construction
Marcella	Erskine	Associate	DiscoveryLab
Mardin (Asghar)	Fallah	Founder	RNA Revive Therapeutics
Mark	Olson	President	Flokk Systems
Marlise	Hunter	Director of Platform	Tallgrass Ventures
Maryam	Hejazi	Associate	DiscoveryLab
Maurice	Wuart	Deputy Reeve	County of Paintearth
Maxwell	Olson	Student	Farmshed
Megan	Olynyk	Chair	NHCSA
Megan	Shapka	Ecosystem and Partnership Operations Manager	SVG Ventures THRIVE
Mehdi	Shokrani	CEO	We Are Tech
Michael	Overduin	Director	DiscoveryLab
Michael	Simpson	Chief Administrative Officer	County of Paintearth
Michelle	McFadden	CEO	Ox + Plow Agriculture
Michelle	Hiltz	Manager, Strategic Initiatives	Edmonton Global
Mohammadhasan	Davoodi	Entrepreneur	DeepCanon Inc.
Mustafa	Gül	CEO	CityScan Technologies Inc.
Nafaa	Haddou	CEO	Nu Terra Labs
Nixon	Chen	Founder & CEO	Emersongrow Technology Inc.
Norah	Landry	Director, Strategic Market Initiatives	Tangent Design Engineering
Pankaj	Purwar	CEO	Farmer's Legacy Biotech

Rakesh	Bhat	Associate	DiscoveryLab
Rebecca	Ung	Founder	Kumu Corporation
Rebecca	Ung	Founder	Kumu Corporation
Richard	Roy	Associate	DiscoveryLab
Richard	Hallett	Manager	Hallett's Hay and Seed
Richard	Hallett	Manager	Hallett's Hay and Seed
Rick	Tofani	Business Development Support	Nu Terra Labs
Robert	McGarvey	Founder	Rethinking Capital
Robert	Saik	CEO	AGvisorPRO Inc.
Roya	Faramarzi	Student	Ualberta
Ryan	Sawka	Senior Relationship Manager	FCC FAC
Saman	Salari	Research Assistant	PanAccess Innovations Inc.
Sara	Saeedi	Researcher	University of Calgary
Sarah-Mae	Amde	Executive Advisor	Nu Terra Labs
Sean	Thompson	Director - Tech Access Centre for Livestock Prodn	Olds College
Sharyat	Bhanwala	Founder	Pelicus
Shylo	Penrod	Manager	Rimrock Cattle Company
Solange	Gagnebin	Industry Manager	ISAIC, University of Alberta
Stan	Schulmeister	Reeve	County of Paintearth
Stanley	Pankratz	President and CEO	Rainforest Algae Corp.
Stephane	Dorotich	Privacy Officer	Flokk Systems
Styn	Nieuwenhuis	founder	FeedXchange
Tayab	Soomro	CEO	PathoScan
Terry	Vockeroth	Councillor	County of Paintearth
Thalia	Katsademas	Product Lead & Scientific Research Associate	PanAccess Innovations Inc.
Todd	Ormann	Vice President Development	Olds College
Tomisin	Omotoso	Student	University of Alberta
Veronica	Obodozie	Founder	Calgary Innovation Coalition
Victory	Baptista	Research Analyst	Edmonton Global