



Annual Report 2022

Poultry Innovation Partnership

Poultry Innovation Partnership
April 2021 - June 2022



POULTRY **INNOVATION** PARTNERSHIP

visionary

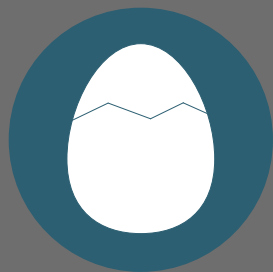
change

collaboration

opportunity

poultryinnovationpartnership.ca

Leveraging our
strengths
**to create
opportunities**



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Chair's Report

2022 was a year of connection, forward momentum, and growth for the Poultry Innovation Partnership. With two years of Covid-19 isolation and a devastating Avian Influenza outbreak, PIP found ways to expand its global reach, support its partners and move forward with exciting in-person initiatives and creative solutions when the unexpected occurred.

An amazing number of events took place, bringing together stakeholders, students, and industry professionals from not only Alberta and Canada but all around the world. As in the past two years, many of the events like the annual Canadian Poultry Research Forum (CPRF), Western Poultry Conference (WPC) and Innovation Showcase presentations were held virtually



Susan Schafers
PIP Advisory Board Chair

RESILIENCE

Connecting again

Part of PIP's strategic plan includes technology transfer and this ever-evolving online technology has opened doors for farmers to connect virtually with poultry professionals such as veterinarians, researchers, and allied industry. The Flock Talk event focussing on on-farm post-mortems had a great attendance and provided farmers with an option to improve animal health and welfare. On the heels of COVID-19, the Avian Influenza outbreak took a tremendous toll on the poultry industry not only in Alberta, but across the country. PIP supported industry through the AI crisis with research trials and administrative assistance as needed. In-person opportunities for work-integrated learning continued to be unavailable but Dr. Robinson pivoted and was still able to provide opportunities for students to connect to industry.

I want to congratulate Dr. Frank Robinson on his retirement after 36 years at the University of Alberta. Dr. Robinson's vision and passion for the Poultry Research Centre made it a leader in the world poultry industry, and we wish him all the very best in his retirement. We will miss his wisdom and enthusiasm around the board table, but are thrilled that he will continue to oversee the mini-internship program for awhile longer. On a personal note, Dr. Robinson's tireless work inspiring youth, seniors and everyone in between inspired me to be an agricultural ag-vocate.

As we look forward to 2023 and beyond, I believe the innovations, opportunities, and new and exciting collaborations will continue to evolve and grow for PIP. After the restrictions of Covid-19, our ability to sit down together, engage in conversation, share a meal and dream makes the future feel bright and promising.

ADVISORY BOARD



PIP Lead Report

As we reflect on the past year, I am filled with pride and gratitude for the remarkable journey we have embarked upon together. Despite the challenges that Avian Influenza confronted our industry with, we have demonstrated the power of working together in small and big ways. It is with great pleasure that I present this note as a reflection on our achievements and a vision for the future, which will be showcased in our upcoming annual report.



Dr. Valerie Carney
PIP Lead

COMMUNITY

A Year of Resilience

The year 2022 will be forever etched in our memory as a test of our collective strength. Avian influenza brought unforeseen obstacles and uncertainties, affecting every aspect of our operations and the industry we serve. It is inspiring to reflect on the way our entire poultry industry pulled together, cooperated and supported each other through another year of unprecedented loss and interruption on the heels of the pandemic. However, in the face of adversity, we weathered the storm and emerged stronger than ever. As we all did, PIP adjusted and adapted to the restrictions and challenges while continuing to deliver new innovations, learning and support for our industry.

Milestones and Achievements

Avian Influenza Research: In the face of a crisis we need answers quickly. Questions swirled about the possibility of Avian Influenza virus entering through ventilation systems and what could be done about it. The PIP team worked to assess the feasibility of using landscape fabric to reduce dust that could potentially carry the virus into barns. This “quick” pilot study provided valuable insights.

Feeding Breeders Summit: In support of our commitment to sustainability we were delighted to work with a team of global experts to develop our Feeding Breeders Summit. An 8-week series of webinars will culminate in a hybrid event in Canmore where we discuss sustainable feeding and management practices for the broiler breeder industry in August.

Welcome new team members!



In 2021 we welcomed Dr. Mohammad Afrouziyeh & Thania Moraes to our team.

Dewberry School Project: This pioneering project turned a pipedream into reality and inspired a project of heart. Our poultry evangelist, Dr. Frank Robinson and an exceptional teacher, Tyson Lancaster brought a team of academics and professionals together with seven intrepid kids from the hamlet of Dewberry, AB to launch the school's first Poultry Green Certificate Program. The students managed their own layer flock of 25 hens! They earned 17 high school credits and learned about managing a laying flock including coop design, next box building, animal care and egg marketing and everything in between!

Honouring a Leader

After more than 35 years of being a poultry evangelist, innovative educator, accomplished researcher and inspiring mentor to students Dr. Frank Robinson retires this year. Frank's career and talents have impacted so many both within and outside the walls of the University of Alberta. His well-deserved retirement will mean he gets to choose what he is involved in and true to his passion Frank will continue to work on projects that support student development, through the mini-internship program and other exciting ventures. We honour Frank and the impact that he has had and wish him a fabulous retirement.

Acknowledgements

None of this would be possible without the dedication of our incredible PIP team, the engagement of our industry partners and the funding support from RDAR and the Canadian Agricultural Partnership and the trust of the communities we serve. I extend my heartfelt gratitude to each and every one of you for your unwavering commitment and tireless efforts.

In closing, our annual report will serve as a testament to our collective accomplishments and the bright future that lies ahead. Together, we will continue to make a positive impact and write the next chapter of our success story.

Warm regards,

Valerie Carney - Poultry Innovation Partnership Lead

PIP Principal Investigator

The Poultry Innovation Partnership is now at full capacity. I want to thank our past chair, Jeff Notenbomer for excellent leadership. Jeff was instrumental in guiding the PIP through the transition from PRC to PIP. I am excited about our new chair, Susan Schafers whose passion for life-long learning is such a great fit with the vision and mission of the PIP!



Dr. Martin Zuidhof
PIP Principal Investigator

CONTINUITY

Shaping the future

The 2021-2022 year has been hectic, but very productive. Dr. Val Carney's leadership has been exemplary. Val has an unmatched commitment to serving the poultry industry, and I encourage you to engage with her passion to foster a healthy and sustainable poultry industry.

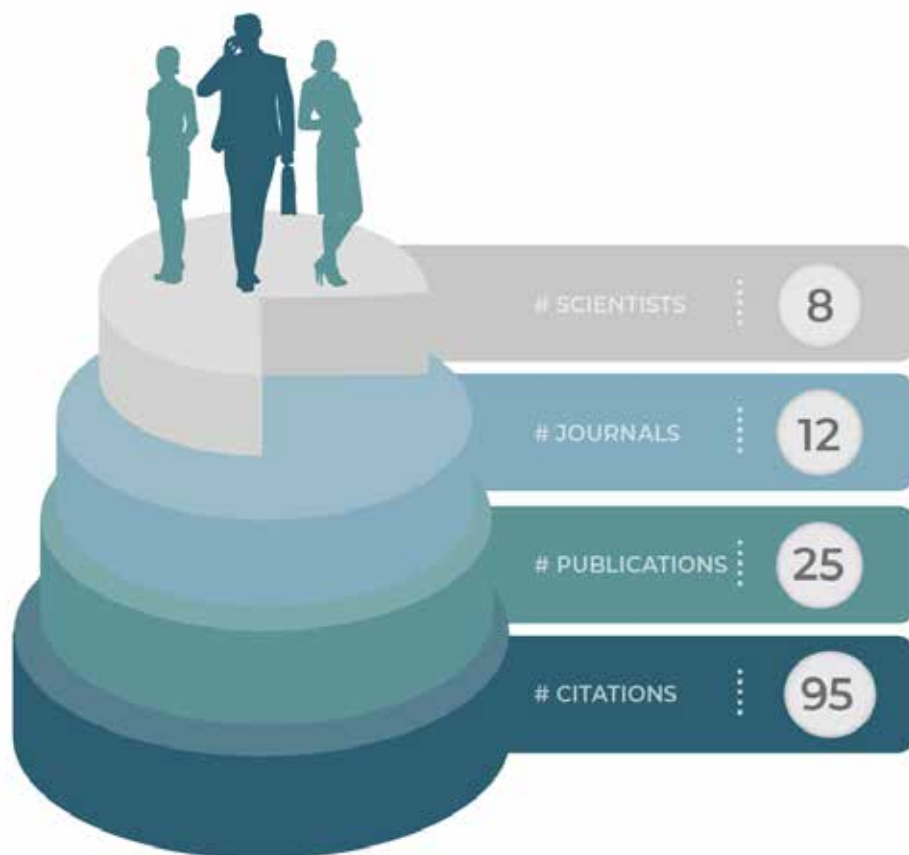
We remain in challenging times. In the past several months, the avian influenza crisis has been all consuming for many the PIP stakeholders. We empathize with those most severely affected, and the PIP team continues to stand ready to support any knowledge transfer and research needs that arise as a result. It is starting to look like we are returning to normal after the COVID-19 pandemic, but there is no guarantee that we're through this extended challenge. Much research has now resumed, but project outputs will in some cases be substantially delayed. This summer, Dr. Frank Robinson and Dr. Lynn McMullen both announced their staged retirements. Though we will still enjoy some interaction, we recognize that their contributions will be

Scientific Impact

stepping down. We will miss their full engagement and leadership and passion. Finally, in light of base funding uncertainties, the PIP will need to think deeply about how we will fund a sustainable PIP in the long term.

In my research program, I continue to enjoy exceptional contributions from a highly engaged and dedicated complement of students and technicians. We are passionately engaged in discovery about metabolic factors that trigger the sexual maturation process in both laying hens and broiler breeders. Our unique precision feeding system has tremendous value as a research tool, and I am in the process of applying for funding to begin to realize the commercial benefits of precision feeding. Initially, our focus will be on commercial broiler breeder males.

I wish everyone a successful year ahead!



Education & Mentoring

The objectives of the PIP Education and Mentoring (EM) committee are to facilitate poultry experiential learning programs administered by the University of Alberta, and to communicate poultry career opportunities to University of Alberta students.



Dr. Doug Korver
Education Lead

EXCELLENCE

Leadership in Training

Over the past year, we have started to work on refining the Terms of Reference for this committee, to more accurately reflect the composition and the working of the committee in achieving these goals.

Originally, the focus of this report (the “Highly-Qualified Personnel” report in the Poultry Research Centre Annual Reports) was on the number of courses and students we taught, the number of graduate students supervised, and other aspects related to the traditional educational mission of the University of Alberta. Under the Poultry Innovation Partnership, a more concerted effort has been made to add opportunities outside of the classroom to those traditional goals.

Interactions with the Poultry Research Centre Student Club (PRCSC) remain an important part of our committee’s activities. The PIP EM committee has a representative from the PRCSC; the person serving in this role has been an invaluable addition to the committee to facilitate communication from the committee to the students (i.e. making the students aware of opportunities inside and outside of PIP), and from the students to the committee (i.e. the sort of experiences students that are looking to obtain).

On September 8, the PIP hosted the second annual “Get Set for Your Future” event. The 2021 edition was an online event, and it was great to be able to welcome people to the Lilydale Classroom of the Alberta Chicken Producers Poultry Technology Centre for this year’s event. This was a mixer to allow U of A students to get to meet professors, graduate students, and poultry industry professionals, to learn about scholarship opportunities, and make connections. The event was attended by 8 industry professionals, 27 students, and members of the PIP team. One student was awarded an opportunity to spend a day job-shadowing a poultry professional (prize winner had not been announced at the writing of this report). Each attendee received a swag bag donated by PIP partners, valued at approximately \$50. Feedback from students and professionals was very positive, and was an excellent kick-off to the academic year.

Other activities of the committee include facilitating or assisting with events such as the Canadian Poultry Research Forum, the Feeding Breeders Summit, the mini-internships led by Dr. Frank Robinson, and the Poultry Science Association industry internships.

The activities of the PIP EM Committee continue to evolve and expand to meet the goals of making and strengthening the interactions between students and the poultry industry.



Connecting students to industry

With Covid-19 restrictions in place at the University of Alberta, the Fall 2021 and Winter 2022 Mini-Internship programs were held virtually. Each of these two sessions featured 32 animal producers of animal industry guests with 30-minute presentations.



Dr. Frank Robinson
Professor

LEARNING

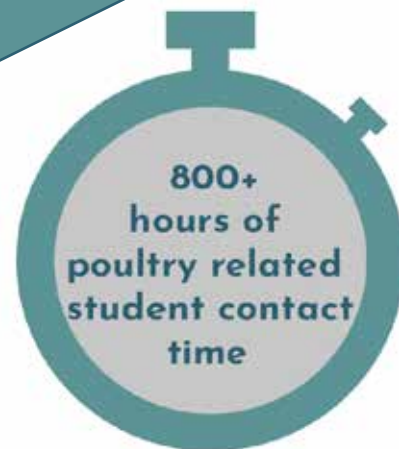
Animal Science Mini-Internship Program

Overall, in the Fall term 2021, and Winter term 2022, 53 and 34 students attended more than 25 presentations respectively. Each of these presenters shared 30 minutes with 34-53 students. The 17 poultry representatives who participated are listed below:

Producers: Jentine Ijtsa (Broiler Hatching Egg Producer)
Levi Hofer (Egg Producer)
Lyle Weigum (Turkey Producers)
Byron Ference (Broiler Producer)
Trent Sundgaardt (Broiler Egg Producer)

Poultry Industry People: Dr. Valerie Carney (PIP)
Cara Prout (ATP)
Nella Batres (ATP/AHEP)
Dr. Karen Schwean-Lardner – University of Saskatchewan)
Dr. Scott Gillingham (Aviagen)
Viki Sikur (CHEP)
Dr. Helen Ann Hudson (Burnbrae Farms)
Dr. Marc DeBeer (Aviagen)
Dr. Jenny Nicholds (University of Georgia)
Dr. Janet Fulton (Hyline International)
Dr. Elizabeth Santon (Jefo)
Perry Kaita (Steinbach Hatchery)

If you are interested in being a host site (farm or industry) for 3 days please let me know as soon as possible at frank.robinson@ualberta.ca



Dewberry School and the Poultry Green Certificate Program

In the fall of 2021 an energetic and dedicated grade 11 teacher, Tyson Lancaster, embarked on a 2-term program with 6 grade 11 students and the Government of Alberta, Green Certificate Program. This program allows students to earn high school credits in applied disciplines in agriculture, such as poultry production. The Dewberry program was instructed by Frank Robinson who frequently interacted with the class online and in several in-person sessions and guided them through all of the required modules for the table egg layer curriculum. The class renovated a building to turn it into a small flock production unit with 25 hens with a covered and enclosed run. Ready-to-lay pullets were donated by Susan Schafers of STS Farms. The students looked after all aspects of bird care and egg handling. Each of the students attained very high grades in the class. This program was a great success due to having highly engaged students and a teacher who strived for student success, measured by completion of this hands-on learning program. The Poultry Green Certificate program is being offered again at Dewberry School in Fall 2022 with grade 10 students. This is an example of how non-poultry students can gain exposure to the poultry industry and further poultry education.



A Tribute to Dr. Frank Robinson

Frank Robinson's reputation as a teacher is legendary. It is an honour to share some of the highlights of his long career and the creative ways that he has informed, encouraged, and inspired students and the poultry community at large, both within and far beyond the walls of the University of Alberta.

Born to Frank and Rebecca Robinson, Frank grew up on a farm in the Willows district near Assiniboia, Saskatchewan, along with his twin brother John and sisters Sylvia and Catherine.

Frank was introduced to the world of poultry in grade five when he acquired 25 Light Sussex hens and started a small egg business which quickly expanded to include broilers, layers, and turkeys. The passion for poultry was ignited and he entered the University of Saskatchewan to pursue a B.Sc. in Agriculture, followed by an M.Sc. in Poultry Science (Virginia Tech) and a Ph.D. in Animal Reproduction (University of Guelph). Guelph was also where he met and married his wife, Nancy, later raising children Katie, Martin, Kevin, and Jenna. Frank was inspired by mentors Frank Crawford, Hank Klassen, and Ray Strickland. After graduating, he applied for a teaching position at the U of A and never looked back.

That was 36 years ago. It is impossible to cover all of the outstanding accomplishments of Dr. Frank Robinson but here is a sampling of the awards, ground-breaking philosophies, and educational innovations by this remarkable 'poultry evangelist.'

In 1987 Frank co-hosted a Poultry Day at the U of A, marking the first time that producers had been invited to the research farm. This event sparked the creation of the Poultry Research Centre, an extremely successful collaboration between industry and the U of A that continues to this day as the Poultry Innovation Partnership (PIP).

Calling himself a "chicken gynecologist," Robinson's research focussed on reproductive efficiency in meat type poultry, and he always maintained a close connection to industry. His research fundamentally changed how broiler breeders are managed around the world.

He has authored or co-authored over 100 peer reviewed publications, more than 200 abstracts, two books and dozens of conference proceedings.

Frank was instrumental in starting a rare breeds program at the U of A, which evolved into the thriving Heritage Chicken Program.

He designed the Poultry Unit for the Green Certificate Program and launched it in Dewberry, AB.

In 2004, Frank developed an agricultural myth busting program called There's a Heifer in your Tank, reaching more than 1000 students from faculties across the university. This was followed by The Game of Farm Life and the Mini-Internship Program, both promoting experiential learning.

AWARD Highlights: Canadian 3M National Teaching Fellowship, PSI Fellow, WPS Educational Award 2004, Member of the Alberta Agricultural Hall of Fame, 2022 CPRF Hall of Fame.

As a gifted teacher, mentor and friend, Frank's legacy lives on in the students he inspired and the bridges he created both within the poultry world and beyond. He made agriculture engaging and welcoming, built relationships between students and real-life farmers, bridged research to industry and converted members of the public from all walks of life to become chicken lovers and industry supporters. He makes people laugh and educates while he supports, inspires, and passionately advocates, from university students to life-long learners, heritage chicken supporters to prison inmates.

Frank Robinson has discovered a way to transform lives through the lens of the humble chicken. Thank you, Dr. Robinson. You will be sorely missed.



What people say about Dr. Robinson

"Frank is the reason that I am in poultry and has been a lifelong encourager and supporter. He has provided opportunities for me to stretch my wings and has been there to encourage and mentor me along the way. Community building is at the core of most of what I do and I owe a huge THANK YOU to Frank for being the inspiration and example in that regard. Frank is a teacher, mentor and friend and I am excited to see what comes next for him!"

"In life, there are people who leave their mark with their example, guidance, help, and understanding, and Frank is one of them. It was a great honor to meet him and receive his support and advice. His legacy will remain with us."

"Frank Robinson's impact is nothing short of outstanding. I, like so many others, would not be where I am now today without his recognition and guidance. He has quite literally influenced the industry to as we know it, which makes Alberta's poultry industry truly unique in itself. His legacy of mentorship, enthusiasm, and forward-thinking lives on with each of the students and individuals that he has taught and interacted with."

Tech Transfer Coordinator Report

2021/22 has been incredibly busy but very rewarding as we have expanded our social media reach (especially on LinkedIn) as we work to expand PIP's recognition as a global hub of credible poultry research and tech transfer information.



Brenda Reimer, MSc
Tech Transfer Coordinator

INNOVATION

Building and maintaing connection

The past year has been incredibly busy but very rewarding. We continue to expand the reach of our monthly Innovation Showcase webinar series and are expanding the speaker list to a global focus, welcoming our first US speaker, Dr. Jeanna Wilson in May 2022. We have worked hard to expand our reach and engagement on PIP's social media accounts, most notably our LinkedIn presence has grown from under 100 to well over 800 followers. Thank you to Thania for her hard work providing content and growing our following!

We were forced to pivot from in-person to virtual events once again as Covid and Avian Influenza restricted our ability to get together. We're getting pretty polished at our virtual event production but are really excited to start in person events again!

Avian Ifluenza's devastating impact on the poultry industry continues to be felt and our hearts go out to all the farmers and their families that have been affected.

Is there a topic you'd like us to cover in a Flock Talk or Innovation Showcase? Reach out to any of our team members and we can discuss what could be possible!

EVENT REPORT



FLOCK TALK

We hosted the very successful virtual post-mortem flock talk in November 2021 featuring Dr. Mike Petrik and Dr. Teryn Girard. Although the flock talk was virtual, we had great engagement with participants and lots of excellent feedback!



STUDENT & CO-HOSTED WEBINARS

One student event - Applied Poultry Science Symposium. 100% of attendees indicated they would attend another student symposium in the future.

Co-hosted Implications and opportunities of the revised OFFSP barn cleaning requirements with Alberta Chicken Producers. 94 registered - 55 attended - 47 person hours of extension/training time.



SMALL FLOCK WORKSHOPS

7 small flock workshops have delivered training to more than 200 poultry enthusiasts since 2020.



INNOVATION SHOWCASE

First Wednesday of the month, starting in February 2021. 1000 registered - 505 attended - 53% of producer attendees said they would consider changing their on-farm practices as a result of attending!



CANADIAN POULTRY RESEARCH NETWORK

The Canadian Poultry Research Forum was hosted June 14-16, 2022. There were over 100 attendees and several dozen presentations and posters.

Communications

Newsletter

Our newsletter is sent monthly to our subscribers. It contains news and information about PIP and the poultry community, as well as upcoming events, a tool of the month, research updates, people of poultry, recipes, and much more.

Social Media

Since we started posting on social media constantly (at least 3 times per week) our number of followers has increased significantly. From August 2021 to June 2022 our number of followers increased by 587%!

PIP's YouTube channel has 191 videos. 36 new public videos were added between April 2021 and June 2022. Since PIP's YouTube channel was created, our videos received 3.5K views with a watch time of 262.1 hours. PIP has 87 subscribers.

Our Innovation Showcase has a high number of views with Innovation Showcase recordings being 6 of the top 10 most watched videos.

LinkedIn

LinkedIn has great potential for PIP. As of June 30, 2022, PIP had 845 followers. Approximately 47% of the followers are Canadian, with 28% being from Alberta. PIP also has followers from the U.S. (15%), Europe (9%), South America (7%), and several other parts of the world. That information provides evidence that PIP is recognized as a global hub of credible poultry information.

PIP Website

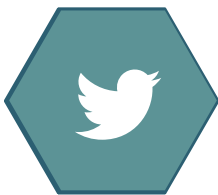
Our website is the hub for communication, event announcements and access to research and other resources. From April 1, 2021-June 30, 2022 more than 5000 users visited our website. We continue to add content to the site!

Research Showcase

The Research Showcase, now available at PIP's website, is a compilation of the highlights of the cutting-edge research published in 2021 by Poultry Innovation Partnership scientists. There were 17 papers on several topics covering broilers, breeders, heritage lines, and poultry by-products.



PIP's social media/website activity got more frequent with the addition of two new team members in August 2021: Dr. Mohammad Afrouziyeh and Thania Moraes. Our monthly newsletter had its debut in October 2021. To position PIP as a global hub, the priority in 2020/21 was extending the reach of the organization using social media with the goal of driving people to content on poultryinnovationpartnership.ca and other relevant poultry information. We are getting closer to achieving our goal and as of June 2022, we reached 1216 followers on all our social media channels.



Twitter

Following: 212

Followers: 78

Tweets: 197

Potential to continue to expand our reach by following, retweeting, liking others (individuals and organizations) posts.

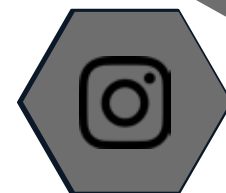


Facebook

115 page likes

225 posts

21,612 reach



Instagram

Following: 59

Followers: 91

187 posts

Heritage Chicken Program

This year the Heritage Egg Program experienced several changes. Most notable being Dawn Hage's transition toward working more with the Poultry Innovation Partnership and thus leaving some hefty shoes for me to fill.



The PIP and the University of Alberta helps to conserve Canada's diverse poultry genetics by maintaining sustainable populations of its existing heritage breeds.



Taresa Chieng
BSc Animal Health and Heritage
Chicken Program Coordinator

CONNECTION

Great Egg-spectations

I officially took over the position of Heritage Chicken Program Coordinator in February 2022. Since then, I have begun to feel the same marvel that Dawn had once described with the supporters. Each supporter comes in with their own story and experience, which is incredibly humbling. It has been amazing to just connect with people once more after being in lock down.

Once again, we were able to hand out eggs inside the ACPPTC, which saved Kerry and I countless hours in the cold and beating sun. I had discovered some posters that Kerry had made years ago so, I decided to make a large display in the Lilydale Classroom for our supporters to appreciate. At first our display was small, but eventually we kept finding more displays around the PRC to showcase. We even found the anatomical model of a hen, which we named Kevin. Every week at the PRC is an adventure. Typically, on Wednesdays, I would go in the barn to greet the flock and package their eggs for supporters. Soon enough the PRC became my sanctuary, where I could listen to the coos of the chickens and peacefully pack the eggs.

The Adopt-A-Chicken Program cost \$210 for 20 dozen eggs and \$126 for 10 dozen eggs. In turn, the program had 477 subscribers, with some subscribers having double and even triple subscriptions. CBC Radio One had also approached us for an interview with Mark Connolly and Tara McCarthy. The topic for their show were on eggs and so they wanted to know more about our program! This resulted in about 20 people joining the waitlist for next year. I had also had the chance to promote our program at the Edmonton Downtown Farmers Market. While there, I was able to converse with other chicken lovers and curious minds about chickens and our program. We also offered a free mini

subscription to incentivize conversation with passersby. Before starting this position, I was incredibly worried that I wouldn't be able to do the job as well as Dawn had. However, the staff at the PRC, like Kerry, Giles, Shawn, Lea, Callie and Jody, have been extremely helpful and I am eternally grateful to them. Now I have nothing but great expectations for next year!

Small Flock Workshop

Our Small Flock Workshop was finally approved by the Edmonton Urban Hens Program. This meant that upon completion of the course participants fulfill one of the requirements to raise their own backyard flock in the city. We had hosted the two-day event twice and raise approximately \$2000. The event was taught by Dr. Frank Robinson, Dr. Teryn Girard, and Kerry Nadeau. I also had a role in teaching some anatomy as well as mediate the event. What I found amazing about the event is that we had participants all over Canada. Some participants were from British Columbia and Ontario, just wanting to learn more about chickens and the industry. During this time, there had been outbreaks of Avian Influenza. Teryn never thought she would have to discuss AI in her lifetime, but nevertheless we persisted. The participants had a great time learning about chickens. We often ran out of time because there were so many great questions.

Peavy Mart Chick Days

Chick days came back! Since the pandemic, we were not able to have chick days. We still worked with Peavey Mart in getting pre-ordered chicks sold. However, we couldn't have extra chicks be at each location for sale. This year the chicks were back in store! We had a few setbacks with transportation of the chicks, otherwise it was relatively successful. We sold a total of 2730 chicks.



Chick paintings

Educational Outreach

In May, we had a couple of elementary teachers approach the PRC for school tours. When we explained this simply could not be done, they persisted on us teaching children about chickens. I was all too excited for this task. I immediately started working on the curriculum and found our lovely Kevin in AgFor. Kerry had contacted Alberta Chicken Producers for some swag that we could give to the children. Our plan was set. Kerry and I had visited two schools. We had taught over 150 students. Each with their own experience with our poultry friends. Each one with bright curious eyes. It was just an amazing experience to teach young minds. In the end, both schools had also donated to our program as a thank you for teaching their students.

Raising Funds

This was possibly the most difficult part of my job. I had the pleasure of finding fun and creative ways to raise funds for the program. Although it was painful, it felt very rewarding to see it through. This year we still had Tara Adam's lovely glass work being sold. We had sold approximately \$500 of her work, and she donated 100% of it back to us. We had introduced an online cooking class. A great friend of mine, Pheap, has her own business teaching children and adults how to cook. She prepped 15 meal kits, which were picked up during egg hand out and class was Friday and Saturday evening. Once everything was said and done, bellies full, Pheap had also donated from the meal kit proceeds. The supporters had a lot of fun following along and learning. They even pressed me on booking another class. However, I could not find the time to schedule another class with the Peavy Hatch coming. This is something we would do next year. While brainstorming creative ideas, Kim had thought about Lucy at the Edmonton Valley Zoo. Lucy has been painting on canvas, which patrons can buy in the gift shop. Then we thought, why not us too? With the approval of the HCP Steering Committee and Leanna, our trusty veterinarian, I got to work! I had bought non-toxic hand paints, dipped the chicks' feet, and let them run around canvases. I had sold small canvas for \$10 and slightly larger canvas for \$20, right on time for Easter! With that we had raised over \$400! Next year, we hope to have even more paintings, cooking classes and other creative ideas to raise funds for our program.

Financial Reports

PIP - Overall Report 2021-22

Income 2021 - 2022		Actuals as of March 31, 2022		
PIP	Cash	In-Kind*	Total	
Industry	\$235,662.49	\$37,146.26	\$272,808.75	
AF			\$0.00	
UofA		\$1,578,500.00	\$1,578,500.00	
SubTotal	\$235,662.49	\$1,615,646.26	\$1,851,308.75	
Opening Balance - Industry				
HR Contingency Fund	\$75,000.00		\$75,000.00	
Legacy Operating Fund	\$96,597.23		\$96,597.23	
Pip Leveraging Fund	\$180,106.19		\$180,106.19	
Opening Balance - AF	\$556,711.72		\$556,711.72	
SubTotal	\$908,415.14		\$908,415.14	
Total PIP	\$1,144,077.63	\$1,615,646.26	\$2,759,723.89	
Expenses 2021-2022				
	Cash	In-Kind*	Total	
Salaries & Benefits (Academic Staff)		\$1,578,500.00	\$1,578,500.00	
Salaries & Benefits - TT Ecosystem	\$157,891.23		\$157,891.23	
Salaries & Benefits - PIP Leveraging	\$10,276.06		\$10,276.06	
Supplies & Services - TT Ecosystem	\$4,432.31		\$4,432.31	
Supplies & Services - PIP Leveraging	\$249.53		\$249.53	
Supplies & Services - AF	\$16,637.40		\$16,637.40	
Salaries & Benefits - AF	\$247,502.67		\$247,502.67	
Equipment - AF	\$266.21		\$266.21	
Travel - AF	\$1,270.77		\$1,270.77	
Overhead - PIP Leveraging	\$86,106.54		\$86,106.54	
Overhead - AF	\$32,336.30		\$32,336.30	
PIP Legacy Fund (see detail)	\$63,476.24		\$63,476.24	
Total Expenses	\$620,445.26	\$1,578,500.00	\$2,198,945.26	
Actuals as of March 31, 2022				
Total Income (Including Carryover)	\$1,144,077.63	\$1,615,646.26	\$2,759,723.89	
Total Expenses	\$620,445.26	\$1,578,500.00	\$2,198,945.26	
Total Carryover to 2022/23	\$523,632.37		\$560,778.63	

PIP - Partnership Grant 2021-22

Income 2021 - 2022

Actuals as of March 31, 2022

Industry	Cash	In-Kind*	Total
Alberta Turkey Producers	\$32,483.47	\$1,062.50	\$33,545.97
Alberta Hatching Egg Producers	\$37,897.38	\$2,567.71	\$40,465.09
Alberta Chicken Producers	\$78,836.26	\$2,229.17	\$81,065.43
Egg Farmers of Alberta	\$46,000.00	\$24,875.00	\$70,875.00
Egg Farmers of Canada	\$15,000.00	\$531.25	\$15,531.25
Burnbrae Farms	\$9,203.65	\$1,312.50	\$10,516.15
Maple Leaf	\$16,241.73	\$1,718.75	\$17,960.48
UofA		\$1,578,500.00	\$1,578,500.00
Subtotal	\$235,662.49	\$1,612,796.88	\$1,848,459.37
Opening Balance	\$180,106.19		\$180,106.19
Total Partnership	\$415,768.68	\$1,612,796.88	\$2,028,565.56

Expenses 2021-2022

	Cash	In-Kind*	Total
Salaries & Benefits (Academic Staff)		\$1,578,500.00	\$1,578,500.00
Salaries & Benefits - PIP Leveraging	\$10,276.06		\$10,276.06
Salaries & Benefits - TT Ecosystem	\$157,891.23		\$157,891.23
Supplies & Services - TT Ecosystem	\$4,432.31		\$4,432.31
Supplies & Services - PIP Leveraging	\$249.53		\$249.53
Overhead - PIP Leveraging	\$27,718.88		\$27,718.88
Total Expenses	\$200,568.01	\$1,578,500.00	\$1,779,068.01

Actuals as of March 31, 2022

Income/Expense Summary 2021/22	Cash	In-Kind*	Total
Total Income (incl carryover)	\$415,768.68	\$1,612,796.88	\$2,028,565.56
Total Expenses	\$200,568.01	\$1,578,500.00	\$1,779,068.01
Total Carryover to 2022/23	\$215,200.67		\$249,497.55

PIP - AF Grant 2021-22

Income 2021/22	Actuals as of March 31, 2022		
	Cash	In-Kind*	Total
AF			\$0.00
Opening Balance	\$556,711.72		\$556,711.72
Total AF	\$556,711.72	\$0.00	\$556,711.72
Expenses 2021-2022	Cash	In-Kind*	Total
Salaries & Benefits	\$247,502.67		\$247,502.67
Travel	\$1,270.77		\$1,270.77
Capital Assets	\$266.21		\$266.21
Supplies & Other	\$16,637.40		\$16,637.40
Indirect Costs	\$32,336.30		\$32,336.30
Total Expenses	\$298,013.35	\$0.00	\$298,013.35
Actuals as of March 31, 2022			
Total Income (Including Carryover)	\$556,711.72	\$0.00	\$556,711.72
Total Expenses	\$298,013.35	\$0.00	\$298,013.35
Total Carryover to 2022/23	\$258,698.37	\$0.00	\$258,698.37

PIP - Legacy Fund 2021-22

Income 2021/22	Actuals as of March 31, 2022		
Industry	Cash	In-Kind*	Total
Alberta Turkey Producers			\$0.00
Alberta Hatching Egg Producers			\$0.00
Alberta Chicken Producers			\$0.00
Egg Farmers of Alberta			\$0.00
Egg Farmers of Canada			\$0.00
Burnbrae Farms			\$0.00
Maple Leaf			\$0.00
UofA			\$0.00
Subtotal	\$0.00	\$0.00	\$0.00
Opening Balance - HR Contingency	\$75,000.00		\$75,000.00
Opening Balance - Legacy Operating Fund	\$96,597.23		\$96,597.23
Total Industry Legacy Fund	\$171,597.23	\$0.00	\$171,597.23

Expenses 2021-2022			
Salaries & Benefits (Academic Staff)			\$0.00
Salaries & Benefits - Support Staff	\$34,289.74		\$34,289.74
Supplies & Services	\$30,361.00		\$30,361.00
Strategic Planning	\$19,681.95		\$19,681.95
Capital Assets	\$1,265.60		\$1,265.60
Travel	\$508.25		\$508.25
Total Expenses	\$86,106.54	\$0.00	\$20,947.55

Income/Expense Summary 2021/22	Actuals as of March 31, 2022		
Cash	In-Kind*	Total	
Total Income (incl carryover)	\$171,597.23		\$171,597.23
Total Expenses	\$86,106.54		\$86,106.54
Total Carryover to 2022/23			\$85,490.69
<i>Carryover - HR Contingency</i>			<i>\$75,000.00</i>
<i>Carryover - Legacy Operating Fund</i>			<i>\$10,490.69</i>
<i>Note - TEEF salary refund June 2022</i>			<i>\$29,822.96</i>

Poultry Unit Report		Updated Sept 9		
Unit Financial Report 2021-2022				
Income 2021-2022		Actuals as of March 31, 2022		
Poultry Unit	Unit	Heritage*	Total	
U of A/Faculty of ALES	174,636.00		174,636.00	
Poultry Unit (Internal Revenue)	77,370.65	4,113.16	81,483.81	
Poultry Unit (External Revenue)	104,078.27	133,339.67	237,417.94	
Sub-total	356,084.92	137,452.83	493,537.75	
Opening Balance				
Total UofA	356,084.92	137,452.83	493,537.75	
Expenses 2021-2022		Actuals as of March 31, 2022		
	Unit	Heritage*	Total	
Salaries and Benefits (Support staff)	213,404.86	119,309.67	332,714.53	
Supplies and Services (Incl. Feed cost)	78,133.45	51,179.51	129,312.96	
Repairs and Maintenance	10,038.86	2,665.44	12,704.30	
Equipment	-	-	-	
Other (Incl. Communication, travel finance fees, rentals)	8,218.63	7,323.72	15,542.35	
Total Expenses	309,795.80	180,478.34	490,274.14	
Income/Expense Summary 2021-2022		Actuals as of March 31, 2022		
	Unit	Heritage*	Total	
Total Income (Incl. Carryover)	356,084.92	137,452.83	493,537.75	
Total Expenses	309,795.80	180,478.34	490,274.14	
Closing Balance 2021-2022 *	46,289.12	(43,025.51)	3,263.61	
* Closing balance on March 31, 2022 flows back to the Faculty as unused funds. Flex balances are not available for use as outlined by the Provost				

Poultry Unit Budget 2021 - 2022

Income 2021 - 2022 (budget)

	Unit	Heritage**	Total
U of A/ALES*	150,636.00		150,636.00
Poultry Unit (Internal revenue)†	85,000.00		85,000.00
Poultry Unit (External revenue)‡	100,000.00	150,000.00	250,000.00
Sub-total	335,636.00	150,000.00	485,636.00
Opening balance			0.00
Total UofA	335,636.00	150,000.00	485,636.00

Expenses 2021 - 2022 (budget)

	Unit	Heritage**	Total
Salaries and benefits (Support staffs)	227,000.00	115,000.00	342,000.00
Supplies and services (incl. feed cost)	81,000.00	54,000.00	135,000.00
Repairs and Maintenance	6,250.00	3,750.00	10,000.00
Equipment			0.00
Others (incl. communication, travel, finance fees, Rentals)	13,200.00	3,300.00	16,500.00
Total Expenses	327,450.00	176,050.00	503,500.00

Income/Expense Summary 2021 - 2022 (budget)

	Unit	Heritage**	Total
Total Income (incl. carryover)	335,636.00	150,000.00	485,636.00
Total Expenses	327,450.00	176,050.00	503,500.00
Subtotal from Poultry Unit	8,186.00	(26,050.00)	(17,864.00)
DM Shaver contribution		4,000.00	4,000.00
Surplus/(Deficit)	8,186.00	(22,050.00)	(13,864.00)

* The U of A/ALES budget was not finalized at the time that this report was produced and as such, it is subject to change.

† Poultry Unit Internal revenue includes user fees (animal and facilities) related to research project, bird and egg sale for research.

‡ Poultry Unit External Revenue includes primarily birds and egg sales, Heritage Chicken program revenues and donations.

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