

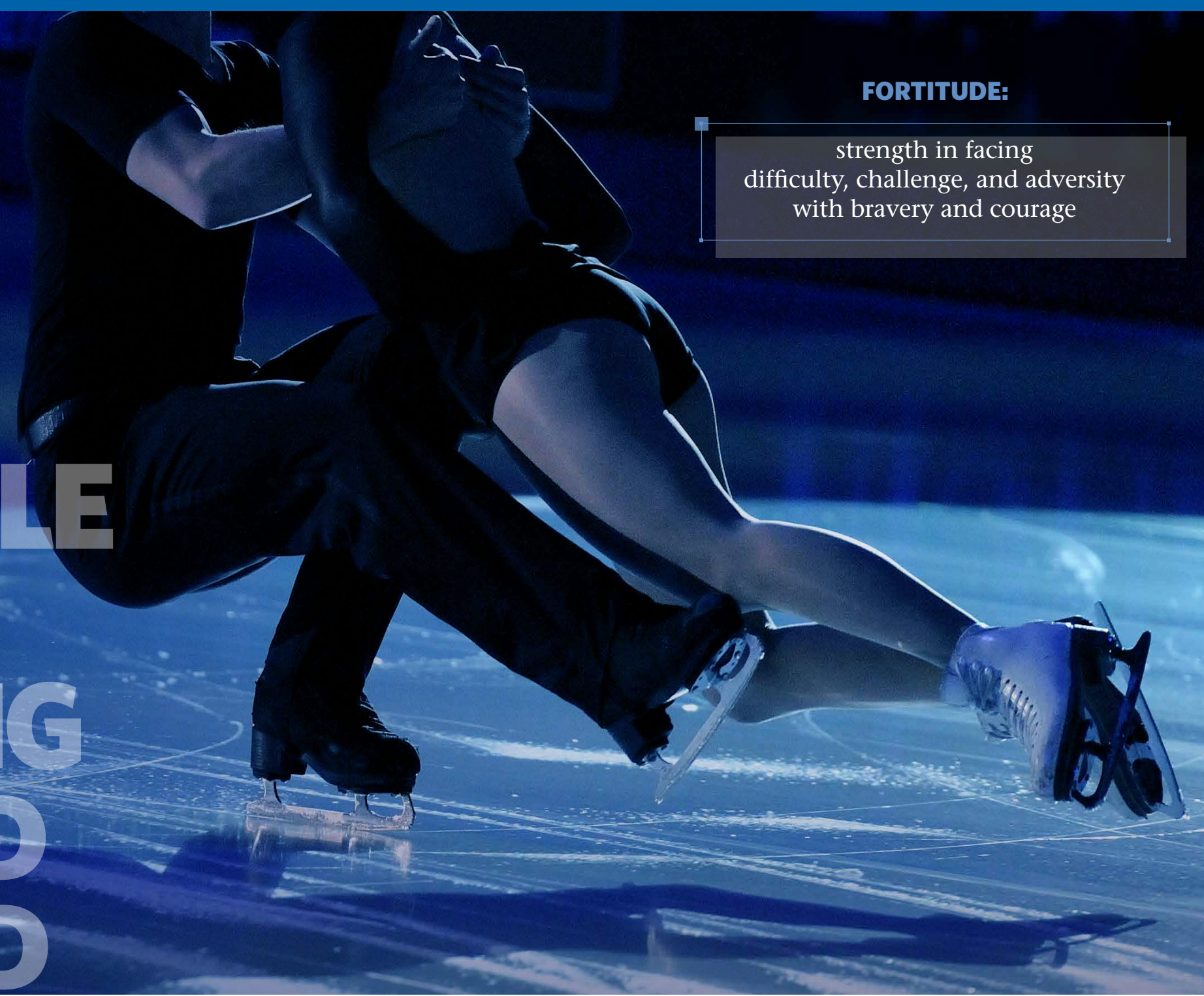
2019

U. S. A N T I - D O P I N G A G E N C Y
A N N U A L R E P O R T

FORTITUDE



FEARLESS
OPTIMISTIC
RESOLUTE
TENACIOUS
INDOMITABLE
TIRELESS
UNWAVERING
DETERMINED
EMPOWERED



FORTITUDE:

strength in facing
 difficulty, challenge, and adversity
 with bravery and courage

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FROM THE CHAIRMAN & CEO

For athletes, fortitude is about working past the pain, pushing beyond what's 'possible,' and facing fear in all its forms. Every step of the athlete journey is a fight against the best of the best for ranking, recognition, and reward. There are no guarantees and there are no certainties.

That journey to victory becomes more treacherous and uncertain when there are athletes willing to take shortcuts and cheat their competitors by using performance-enhancing drugs. An already difficult, but level, playing field becomes a deck stacked against clean athletes. Under these conditions, hard work, tenacity, and fortitude are no longer enough to secure victory.

What is victory in sport? Victory is uniting millions of people behind a shared interest, it's inspiring a younger generation of athletes to follow their dreams, and it's creating awe in the face of apathy. For many athletes, victory also means putting food on the table, getting a roof over a family's head, and preparing for a career after sport. The stakes are huge.

Every day of every year, USADA is committed to ensuring a level playing field for the athletes who muster the fortitude to compete healthy and clean. Protecting clean athletes and their rights is a duty that we embrace intentionally and gratefully. In 2019, we furthered a level playing field at home and abroad by combining anti-doping advocacy and innovation with gold-standard education, testing, and results management initiatives.

On both a national and global level, USADA worked to ensure greater accountability and integrity across sport through persistent advocacy, whether it was by supporting legislation in the United States or by continuing to call for reforms in global anti-doping systems. Most notably, we backed groundbreaking legislation called the Rodchenkov Anti-Doping Act, which aims to protect the financial investment in sport by holding accountable those who defraud it through doping, facilitate information sharing between anti-doping authorities and law enforcement, protect anti-doping whistleblowers, and provide restitution to athletes robbed by dopers. This legislation, which has support from athlete coalitions, sports organizations, and bipartisan groups, is crucial to truly holding those accountable who most threaten sport by defrauding clean athletes.

USADA also remains committed to protecting the integrity and value of sport at the earliest stages of participation. Our TrueSport program partners with sports organizations across the nation to distribute content and support events that help parents and coaches ensure youth sport is focused on sportsmanship, character building and life skills, and clean and healthy performance. In 2019, TrueSport also launched the Coaching Recognition Program in partnership with NBC SportsEngine to celebrate coaches who are putting positive coaching values into action, leading to hundreds of nominations. Jose Burgos, head soccer coach at Catalyst Maria High School in Chicago, Illinois, was named the inaugural Champion Coach winner after being nominated for creating a strong community within the school and the community-at-large to provide physical and psychological safety for his athletes.

While pushing to elevate clean sport worldwide, USADA has worked to uphold U.S. athletes' rights and ensure they upheld their responsibilities through rigorous anti-doping programs supported by cutting-edge science and technologies. That process begins with education to prevent doping, and in 2019, we educated nearly 38,515



**PHILIP
DUNN**

USADA Board Chair
and 3x Olympian



athletes and stakeholders through e-learning, in-person presentations, booths, webinars, and materials. We also grew our Athlete Presenter Program so that more athletes are educated by their peers, and significantly expanded the reach of our coaching education, with more than 15,500 coaches taking the Coach's Advantage® e-learning tutorial.

In 2019, USADA successfully combined doping prevention with doping detection efforts, to include a strategic testing plan and investigative efforts. We particularly focused on robust testing plans for the Pan American and Parapan America Games, which led to 1,198 urine tests and 132 blood tests across all potential Games athletes. Testing was complemented by a continuously expanding investigative program that works to identify doping through non-analytical methods, such as tips from whistleblowers. Over the course of the year, USADA received nearly 550 tips that facilitated 70 target tests. Through testing and investigations, USADA announced 49 sanctions in 2019.

We also apply the latest research and cutting-edge tools to inform our programs, lead international initiatives, and support those committed to clean sport. In 2019, we answered more than 1,000 drug reference email inquiries from athletes and support personnel, while also working with partners around the world to expand the Global Drug Reference online database. Leading experts also reviewed Therapeutic Use Exemption (TUE) applications for nearly 900 substances or methods, leading to the informed approval of 119 approved substances or methods for testing pool athletes and 354 approved substances or methods for non-national level athletes in 2019. USADA's leadership and innovation are also evident in its doping control operations, which have continued to grow with the addition of USADA Doping Control Officers stationed across the globe. We also implement new testing matrices and lead education initiatives for international organizations looking to replicate USADA's gold standard operations.

All of these efforts are also applied to ensure the successful administration of the custom UFC Anti-Doping Program, which saw more than 4,000 tests conducted around the world in 2019, as well as 431 drug reference inquiries answered via email, 10 UFC TUEs granted, and 31 sanctions announced. Most critically, USADA worked with the UFC to develop a new UFC Anti-Doping Policy and Prohibited List with changes designed to make the program more effective and fair for athletes.

In its effort to make the right choices for athletes and for clean sport, USADA is governed by an independent board of Olympians, medical and legal experts, retired coaches, and individuals with a commitment to athlete rights and integrity. The board was led for seven years by track and field legend Edwin Moses, who became chair emeritus in 2019 after a tenure that required remarkable resilience and courage in the face of challenges like state-sponsored doping in Russia and weak global anti-doping systems. His leadership and the board's guidance have been instrumental to USADA's ability to serve clean athletes.

There is no easy path to sport integrity, but we stand alongside athletes in our shared pursuit of a level playing field on which clean athletes can secure victory. Their fortitude and commitment to competing clean is what drives us. We thank the athletes and all those committed to preserving the integrity of competition, inspiring true sport, and protecting the rights of athletes.



**TRAVIS T.
TYGART**
USADA CEO



USADA TEAM

The USADA **BOARD OF DIRECTORS** is comprised of experienced individuals who share the ideals and principles behind USADA's vision, mission, and core values. The Board of Directors advise and support the staff in executing the work of the organization through balanced and diverse perspectives. For more information on the USADA Board of Directors, please visit www.USADA.org/board-of-directors.

CURRENT BOARD MEMBERS



PHILIP DUNN
Chair
(as of 10/2019)



TOBIE SMITH
MD, MPH, MEd, FAAFP
Vice Chair
(as of 10/2019)



MARCIA LEE TAYLOR
Secretary



KEN WRIGHT
DA, AT Ret
Treasurer
(as of 10/2019)



JUDI BROWN CLARKE
PhD



TIMOTHY DAVIS



ALVIN M. MATSUMOTO
MD



EDWARD J. MERRENS
MD

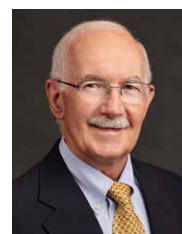


DAVID PLUMMER

EMERITUS BOARD MEMBER



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ScD hc
Chair
(until 10/2019)



RICHARD V. CLARK
MD, PhD, FACP
Vice Chair
(until 10/2019)



JIM KOOLER
DrPH
(until 10/2019)

2019 BOARD MEMBER DEPARTURES

LEADERSHIP AND SENIOR STAFF

Based in Colorado Springs, Colorado, USADA's leadership and staff is responsible for managing and coordinating comprehensive and independent anti-doping programs for the Olympic and Paralympic movements, as well as the UFC. USADA's key initiatives include:

- Anti-doping education and resources
- Science, research, and technology projects
- Testing programs
- Results management, investigations, and adjudication

USADA's dedicated and talented staff is comprised of more than 100 home office staff members and field-based Doping Control Officers who work together as a team to realize the organization's mission to: **PRESERVE** the integrity of competition, **INSPIRE** true sport, and **PROTECT** the rights of athletes.

LEADERSHIP



TRAVIS T. TYGART
Chief Executive
Officer



SANDRA BRIGGS
CPA
Chief Financial
Officer



MATTHEW FEDORUK
PhD
Chief Science
Officer



WILLIAM BOCK, III
General Counsel



MATTHEW SICCHIO
Chief Operating
Officer

SENIOR STAFF



JEFF COOK
Results Management
and Investigations
Senior Director



JENNIFER ROYER
PhD
TrueSport and
Awareness Senior
Director



ADAM WOULLARD
Director of
Communications

*Board and staff members include those with USADA at time of publication.

BY THE NUMBERS

38,515

TOTAL ATHLETES AND STAKEHOLDERS REACHED THROUGH E-LEARNING, PRESENTATIONS, BOOTHS, WEBINARS, AND MATERIALS
[COMPARED TO 25,910 IN 2018]

E-LEARNING FOR ATHLETES, COACHES, AND HEALTH CARE PROFESSIONALS

8,620

athletes educated through **Athlete's Advantage®** e-learning tutorial

- Created new *Returning Athlete Tutorial*



15,501

coaches educated through **Coach's Advantage®** e-learning tutorial

- Compared to 2,046 in 2018

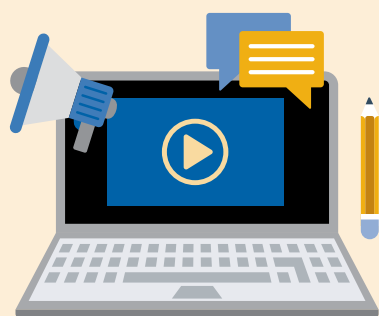


395

healthcare professionals educated through **HealthPro Advantage®**



TrueSport interacted with **11,000** individuals through in-person events



FORMED **12** NEW CONTENT PARTNERSHIPS with sports organizations



49 USADA ANNOUNCED SANCTIONS in 2019

2019 Olympic, Paralympic, Pan American, and Parapan American Sport Testing Numbers

Test Type	Urine Tests	Blood Tests	TOTAL
In-Competition Tests	2,173	129	2,302
Out-of-Competition Tests	3,900	1,134	5,034
TOTALS	6,073	1,263	7,336

USADA's international DCOs completed:

- **83** tests in Europe
– Compared to 120 in 2018
- **365** tests in Brazil
– Compared to 252 in 2018
- **10** international events
– Compared to 7 in 2018
- **53** tests in Australia and New Zealand

USADA added **116** PRODUCTS to the HRL in 2019

DRUG REFERENCE LINE Answering Questions from Athletes and Support Personnel

248 drug reference inquiries received by phone



1,009 drug reference inquiries received by email



[not including UFC inquiries]

UFC Numbers

4,296 tests completed around the world



99% Whereabouts compliance for Q1-Q4

31 SANCTIONS ANNOUNCED



FEARLESS

TECHNORO



FEARLESS:

resolutely courageous, dauntless

GLOBAL CLEAN SPORT ADVOCACY



USADA is committed to advocating for clean sport and clean athletes on a global scale. We unite with stakeholders from around the world, including athletes, governments, and national anti-doping organizations (NADOs), to encourage change in the anti-doping movement so that every athlete is confident they are stepping onto a level playing field and every spectator is confident they are witnessing authentic sport achievements.

International Anti-Doping Leaders Call on Watershed Opportunity to Reform Anti-Doping System

In March 2019, the leaders of 18 NADOs came together in Lausanne, Switzerland to discuss the current state of clean sport. Meeting on the eve of the World Anti-Doping Agency's (WADA's) Annual Symposium, the message emanating from the meeting was clear: now is the time for WADA to grasp this unique opportunity to reform the anti-doping system as it prepares to appoint the fourth President in its history. The NADO leaders called on new WADA leadership to remove potential conflicts of interest within WADA's current governance structure, demonstrate how they will be fully committed to meaningful engagement with the athletes of the world, and ensure an exhaustive, transparent, and thorough accounting of Moscow laboratory data.



Activity on Capitol Hill

With the beginning of a new Congress in January 2019, USADA's advocacy on Capitol Hill was focused on the introduction of two of its top legislative priorities: the Rodchenkov Anti-Doping Act of 2019 (S.259/H.R.835) and the USADA Reauthorization Act of 2019 (H.R.5373).

The Rodchenkov Act was introduced in January 2019 by Representative Sheila Jackson Lee (D-TX) in the House and Senator Sheldon Whitehouse (D-RI) in the Senate. The legislation provides critical tools for the global fight against

doping in sport by criminalizing participation in an international doping conspiracy by individuals other than athletes, providing restitution to victims of such conspiracies, and protecting whistleblowers from retaliation. Importantly, the Rodchenkov Act also allows for increased coordination and information-sharing between USADA and law enforcement. With the help of numerous sport organizations, the Rodchenkov Act gained a great deal of momentum in 2019, passing the House of Representatives unanimously in October. The legislation is

poised for passage in the Senate in 2020, which would mark a major achievement in the global collective effort to curb doping fraud and protect clean athletes.

The USADA Reauthorization Act of 2019 was introduced in December 2019 by Representative Mike Thompson (D-CA). Senators Jerry Moran (R-KS) and Richard Blumenthal (D-CT) introduced the Senate version in early 2020. USADA's congressional reauthorization is a top priority, as it ensures that USADA can continue to fight for the integrity of sport on behalf of clean athletes across the country.



CEO Travis T. Tygart and Chair Emeritus **Edwin Moses** advocating for athlete rights before government leaders.

The legislation would extend USADA's current authorization through 2029, allowing the United States the resources it needs to prepare for the 2028 Olympic Games in Los Angeles. The bill also acknowledges USADA's efforts in youth

sports nationwide through the TrueSport program and enhances USADA's ability to coordinate and share information with law enforcement. USADA is hopeful for the legislation's swift passage through Congress in 2020.

■ OPTIMISTIC

FOR
THE
FUTURE



OPTIMISTIC:

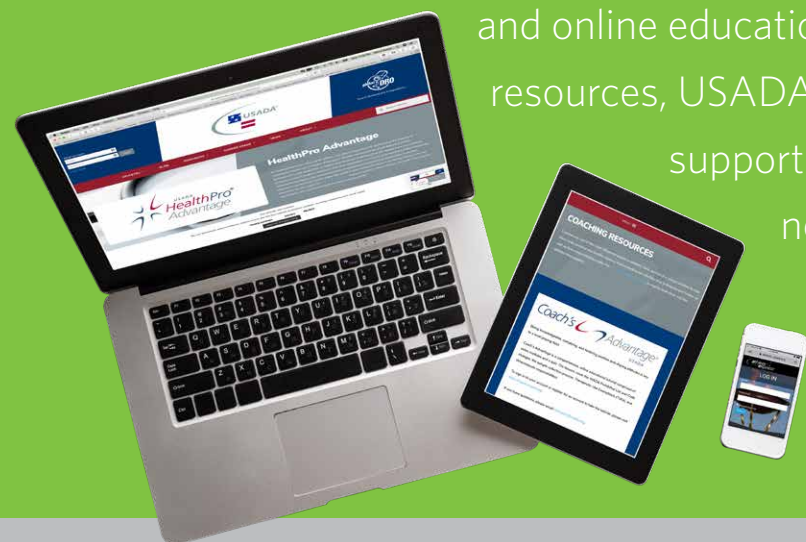
having a favorable view of events and conditions with the expectation of a positive outcome

USADA ANTI-DOPING EDUCATION

38,515

TOTAL ATHLETES AND STAKEHOLDERS REACHED THROUGH E-LEARNING, PRESENTATIONS, BOOTHS, WEBINARS, AND MATERIALS [COMPARED TO 25,910 IN 2018]

Education is key to doping prevention, which is why USADA provides education to thousands of athletes, coaches, trainers, medical staff, and other athlete support personnel each year. Through in-person and online education, as well as a multitude of other resources, USADA helps ensure that athletes and support personnel have the tools they need to navigate anti-doping rules and responsibilities, while also understanding the role they play in keeping sport clean.



E-LEARNING FOR ATHLETES, COACHES, AND HEALTH CARE PROFESSIONALS



202

education sessions COMPLETED

31 STATES VISITED

13,999 STAKEHOLDERS EDUCATED

123 face-to-face presentations

30 booths

17 webinars

32 material distributions

8,620

athletes educated through Athlete's Advantage® e-learning tutorial

- Created new *Returning Athlete Tutorial*



15,501

coaches educated through Coach's Advantage® e-learning tutorial

- Compared to 2,046 in 2018
- USA Weightlifting and USA Swimming made the tutorial mandatory for many coaches



395

health care professionals educated through HealthPro Advantage®



EDUCATION SESSIONS BY CATEGORY

	Total	Total Attendance	Junior	Senior	Coaches	Students	Other	Medical
Face-2-Face	123	5,665	2,990	324	764	493	835	259
Booths	30	5,342	2,512	123	372	100	2,227	8
Webinars	17	563	176	65	20	52	249	1
Materials Only	32	2,429	1,277	120	866	0	116	50

2,259

education evaluations COMPLETED

100% of respondents reported the information was presented in a way that was easily understood
99.2% of respondents said they would be more cautious about supplement use

99.7% of respondents said the information given would be useful in their sport

I learned a lot during this session that I was unaware of. I really enjoyed learning about this because

it prepares me for the future.



2019 IWF Youth Championships



2019 ISU Pure As Ice

Athlete Presenter Program

- The Athlete Presenter Program is designed to increase the effectiveness of USADA's in-person education by ensuring that athletes receive education from the people who are relevant to them: their peers who have successfully navigated anti-doping requirements.
- In 2019, Athlete Presenters supported 19 education events:
 - Two-time Olympian NOAH HOFFMAN completed 10 events
 - Two-time Paralympian GRETA NEIMANAS completed 4 events
 - Olympian ANDREW GEMMEL completed 3 events
 - Two-time Olympian and Olympic silver medalist LASHINDA DEMUS completed 2 events
- Olympic gold medalists AMANDA ELMORE and TYLER GEORGE joined the Athlete Presenter Program in October 2019.



New USADA Athlete Presenters **Amanda Elmore** and **Tyler George** inspiring the next generation of clean athletes.



Athlete Presenter **Noah Hoffman**



Athlete Presenter **Lashinda Demus** at the SafeSport Swimming Booth



Athlete Presenter **Andrew Gemmel** at the Open Water National Championships

F2F Education By Sport:

USADA provides face-to-face education upon request to various organizations committed to anti-doping and equipping athletes with the information they need to compete clean. In 2019, USADA accepted every request for education that was submitted.



Education Strategy

Hosted by USADA, the 2019 Anti-Doping Education Summit gathered education managers and leaders from National Anti-Doping Organizations in Austria, Canada, Denmark, Germany, Great Britain, and Leeds Beckett University, as well as a representative from the World Anti-Doping Agency, in critical discussions about the future of anti-doping education. During the three-day summit, participants covered a wide range of topics, including collaboration, best practices, and lessons learned, which will help inform and guide anti-doping education worldwide.



The USADA Education Team visiting **ASADA** in Canberra, Australia



The USADA Education Team and guests gathered for the **2019 Anti-Doping Education Summit**

FOOT
RESOLUTE
TIGHT
SQUAD



RESOLUTE:

bold, steady; firmly resolved or determined; set in purpose or opinion

TRUESPORT

The TrueSport mission is simple and bold: *to change the culture of youth sport by providing powerful educational tools to equip young athletes with the resources to build life skills and core values for success – both on and off the field.* With a shared vision that sport can enrich the lives of our young people, we partner with organizations across the country that are driven to change sports culture for the better. Each partner customizes the use of TrueSport resources to meet individual needs and specific objectives.

TrueSport Camps



TrueSport Athlete Ambassador **Tyler Carter** at an elementary school wellness day

TrueSport Ambassador **Kara Winger** at an Air Force Academy sport camp

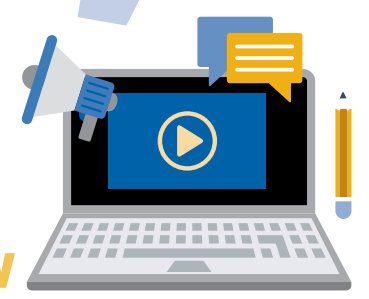
TRUESPORT ACHIEVEMENTS BY THE NUMBERS

interacted with

11,000

individuals through in-person events

FORMED 12 NEW CONTENT PARTNERSHIPS with sports organizations



TrueSport Program

Working alongside experts in a wide range of fields, from psychology to nutrition, TrueSport provides evidence-based content and engaging programs reflective of the Olympic spirit. The TrueSport Program inspires change through engaging content and coaching education.

In 2019, TrueSport updated its values-based lessons and partnered with two youth sport organizations that licensed the TrueSport Program for their coaches to ensure an innovative, holistic approach to athlete development.



Lesson Updates

- Refreshed 15 existing lessons
- Created 30 new activities for the lessons
- Launched a new lesson on body image

Licensee Programs

- USA Football
- FastPitch Softball

Partner Program

Since 2017, TrueSport has partnered with National Governing Bodies (NGBs), International Federations (IFs), and youth sport organizations that provide distribution channels to parents, coaches, and youth athletes that are unique in reach and influence. With the addition of 12 new partners in 2019, including 10 NGBs, 1 IF, and 1 sport club, TrueSport has a reach of 13.6 million through the Partner Program – a 1.4 million increase from 2018.

With its new relationship with Disabled Sport USA, TrueSport can engage and more equitably represent para athletes through event engagement, content, and imagery.

13.6 Partner Program **REACH** MILLION



“ I just wanted to thank you for **the amazing content you provide**

USA Synchro each month. Not only is it easy for me to use, but it has been such a great tool for our membership as well. I have received great feedback from coaches and parents thanking us for sharing these types of articles. We are such a small organization that content like this can be hard to find, so thank you so much! ”

Emily Falkenberg
USA Artistic Swimming

TrueSport In The Community

TrueSport and SportsEngine Coach Champion Recognition Program

Expanding its partnership with SportsEngine, which shares TrueSport values with its more than 8 million members, TrueSport launched the TrueSport Champion Coach Recognition Program in 2019 to recognize coaches who are putting positive coaching values into action. Nominations were solicited for youth sport coaches who have embodied the TrueSport cornerstones

of Sportsmanship, Character Building & Life Skills, and Clean & Healthy Performance in sport.

ENGAGEMENT

- 272 nominations
- 29 states
- 25 sports

WINNERS

- **Winner** – Jose Burgos Catalyst Maria High - Soccer
- **Runner Up** – Kie McCrae USA Netball - Netball
- **Runner Up** – Fallon Buckner Louisiana Prodigy Elite - Basketball



Jose Burgos (Catalyst Maria High School, Chicago, Ill.), inaugural winner of the TrueSport Champion Coach Recognition Program

Deck Pass

TrueSport’s partnership with USA Swimming’s Deck Pass app provides a unique platform to share TrueSport values through digital and real-world content that transfers to life beyond the pool. In 2019, more than **4 MILLION** TrueSport patches were downloaded.



Events and Camps

TrueSport camps and events mix inspiration with education. Together with partner programs across the country, we’re working to turn the TrueSport vision into a transformative, living reality. In 2019, TrueSport engaged with **11,000+ INDIVIDUALS** through sport camps and community, partner, and school events.

CAMPS

- 7 TrueSport Summer Camps with 2,700+ campers



TrueSport Ambassador **Kara Winger** at 2019 Kids Health Day

TrueFood

In collaboration with the University of Colorado, Colorado Springs’ (UCCS) Food Literacy Program, **THE FLYING CARROT**, TrueSport developed enhanced nutritional resources, including fact sheets and recipes, that help active kids build a lifelong, healthy relationship with food.



EVENTS

Nearly 9,000 national and international athletes, coaches, students, and parents at 25+ events, including:

- International Children’s Winter Games
- USA Triathlon Youth and Junior National Championships
- Florida School and Youth Organization Tour
- Champion Coach Recognition Award Ceremony
- Disabled Sport USA Ski Spectacular



TrueSport Ambassador **Tyler Carter** at the Pennsylvania Center for Adapted Sports



TrueSport Ambassador **Veronica Day** at the First Tee of Pikes Peak Girl’s Night

The TrueSport Program is brought to life through visits from TrueSport Athlete Ambassadors. Ambassadors are Olympic, Paralympic, and National Team athletes who share their personal stories about TrueSport values to help inspire future generations to achieve excellence through sport participation.

2019 ATHLETE AMBASSADORS

Candace Vering | VOLLEYBALL

Chellsie Memmel | GYMNASTICS

Cody Miller | SWIMMING

Erin Hamlin | LUGE

Jimmy Moody | FENCING

Kara Winger | TRACK & FIELD

Mandy Marquardt | TRACK CYCLING

Melanie Margalis | SWIMMING

Richard Torrez Jr. | BOXING

Tyler Carter | PARA ALPINE SKIING

Veronica Day | SKELETON



FROM
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TENACIOUS

TENACIOUS:

persistent in maintaining, adhering to or seeking something valued or desired; holding fast

USADA | SCIENCE AND SUBSTANCES

Science plays a crucial role in the fight for clean competition by informing education strategies, testing operations, and results management operations, as well as enhancing detection and deterrence efforts. Through its drug reference initiatives, USADA also provides resources and tools that have a significant impact on the ability of athletes and support personnel to make informed choices about medications and dietary supplements.



Supplement 411 is an online resource that USADA maintains to help athletes and consumers identify and reduce the risks associated with dietary supplements. Through Supplement 411, USADA provides a wide range of information and tools, including the Supplement High Risk List (HRL). USADA also maintains an HRL for the Department of Defense's Operation Supplement Safety.

2019 Supplement Highlights

- USADA scientists published a guidance document in partnership with other anti-doping experts about third-party supplement certifiers, called **Essential Criteria for Third-Party Certifiers**.
- Based on this paper, USADA was able to **recommend NSF Certified for Sport** supplements as the third-party certified supplements best able to reduce athlete risk.
- USADA signed two more grants, totaling **\$225,000**, with the Department of Defense to continue supplement education and risk reduction efforts.

Science Serving Sport

USADA is committed to providing athletes and support personnel with the resources and information they need to uphold clean sport, which means providing the most convenient and accurate information on substances and methods through various channels, including a Drug Reference Line® direct to USADA staff, Global Drug Reference Online (Global DRO®), and Supplement 411®.

High Risk List 2019

- USADA **added 116 products** to the HRL in 2019.
 - Products are added to the HRL if they advertise, or if testing reveals, that they contain substances prohibited in sport.
- At the end of 2019, there were **609 products** on the HRL.
 - 32 products were archived because they are no longer sold or they no longer meet the HRL criteria.
- **264 companies** have supplement products on the HRL.

HRL Breakdown

Substance Class	Number Added in 2019	Number of Products on the HRL
Anabolic Agents	41	282
Diuretics and Masking Agents	1	2
Hormone and Metabolic Modulators	8	49
Peptide Hormones and Growth Factors	1	23
Stimulants	65	253
TOTAL	116	609

GLOBAL DRO

helps athletes and support personnel identify the prohibited status of medications and ingredients from seven partner countries.

- The free platform saw **1,903,371 total searches**, which included **254,421** searches from the U.S. section of GlobalDRO.com and on the USADA.org website.
- **Drug Free Sport New Zealand** became the latest Global DRO licensee.
- USADA pharmacists initiated **50 of the 65 ingredient additions** to Global DRO from partner countries.
- USADA **updated approximately 100 ingredients** for clarity and led the initiative among the partner countries to rebuild sections for increased usability.
- USADA added more than **650 new products** to Global DRO and **updated about 1,500 products**.



Top 10 Global DRO INGREDIENT SEARCHES in the U.S.:

- | | |
|-----------|---------------|
| Albuterol | Phenylephrine |
| Caffeine | Testosterone |
| Creatine | Prednisone |
| CBD | Marijuana |
| Flonase | Ibuprofen |

DRUG REFERENCE LINE

Answering Questions from Athletes and Support Personnel

248 drug reference inquiries received by phone



1,009 drug reference inquiries received by email



[not including UFC inquiries]

Advancing Anti-Doping Science

USADA Symposium on Anti-Doping Science – Tokyo, Japan, October 2019

In partnership with the Japan Anti-Doping Agency (JADA), the host anti-doping agency of the 2020 Olympic and Paralympic Games, USADA held the 18th Annual USADA Symposium on Anti-Doping Science on October 5-7 in Tokyo, Japan. For the 2019 program, 98 attendees from 30 countries participated.

At the 2019 Symposium, experts from a wide range of fields focused on the theme “Emerging Drugs and Technologies,” recognizing that state-of-the-art technology and innovative solutions remain critical to upholding clean sport, counteracting athletes’ attempts to evade detection, and conducting credible anti-doping programs. Within this theme, speakers and attendees spent significant time on the continued improvement of practical and predictive

approaches to target testing through new sample collection techniques, performance modeling, and gene doping threats, which are crucial to ensuring that organizations test the right athletes at the right time.



The 4th Annual Larry D. Bowers Excellence in Anti-Doping Science Award

USADA continued its tradition of recognizing scientific excellence in the fight for clean sport by awarding the 4th Annual Larry D. Bowers Award for Excellence in Anti-Doping Science to Professor David Cowan. Presented during USADA’s 18th Annual Symposium on Anti-Doping Science, the award and accompanying cash

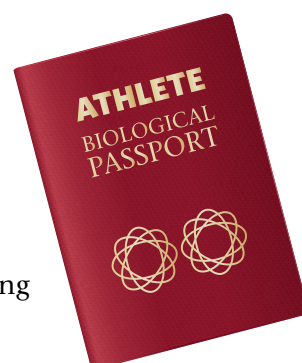
honorarium were granted to Cowan in honor of his professional achievements in anti-doping research, technological innovation, and laboratory administration. Over the course of his 40-year career, Cowan has advanced anti-doping science by publishing extensively in the field of pharmaceutical analysis, with a

particular focus on the detection and quantification of drugs and their metabolites in complex body fluids.



Athlete Biological Passport

The Athlete Biological Passport (ABP) program monitors selected biological parameters in urine and blood samples over time that may indirectly reveal effects of doping on the body, which allows anti-doping organizations to generate individual, longitudinal profiles for each athlete and to look for any fluctuations that may indicate the use of performance-enhancing drugs or methods. This data can also be used to conduct targeted, conventional anti-doping tests on athletes with abnormal profiles, as well as provide corroborating evidence of doping during an anti-doping rule violation case.



Publication Contributions

- Eichner AK, Coyles J, Fedoruk M, Maxey TD, Lenaghan RA, Novitzky J, Lindsey AT, and Deuster PA. ‘Essential Features of Third-Party Certification Programs for Dietary Supplements: A Consensus Statement’, *Curr Sports Med Rep*, 18 (2019), 178-82.
- Kelly T, Beharry AW, & Fedoruk M. **Applying Machine Learning Techniques to Advance Anti-Doping**. *European Journal of Sports & Exercise Science*. 2019;7(2):1-9. <https://www.scholarsresearchlibrary.com/articles/applying-machine-learning-techniques-to-advance-antidoping.pdf>
- Miller GD, Beharry A, Teramoto M, Lai A, Willick SE, Eichner D. **Hematological changes following an Ironman triathlon: An antidoping perspective**. *Drug Test Anal*. 2019;11(11-12):1747–1754. doi:10.1002/dta.2724
- Miller GD, Van Wagoner RM, Bruno BJ, Husk JD, Fedoruk MN, Eichner D. **Investigating oral fluid and exhaled breath as alternative matrices for anti-doping testing: Analysis of 521 matched samples**. *J Pharm Biomed Anal*. 2019;176:112810. doi:10.1016/j.jpba.2019.112810

Selected Presentations

- **Panel: Trends in Sports Nutrition:** Presented by Dr. Amy Eichner and Patricia Deuster during the Oxford International Conference of the Society for Botanicals at the University of Mississippi.
- **Prescribing and Dispensing to Elite Athletes: What every healthcare provider should know about the World Anti-Doping Agency’s Prohibited List:** Presented by Ashley Anderson, RPh at an international event hosted by UC Denver School of Pharmacy in Breckenridge, Colo.
- **Risk of Exposure to Growth Enhancing Compounds Used in the Livestock Industry Through Meat Consumption:** Presented by Dr. Adam Beharry and Dr. Bradley Johnson during the American Meat Science Associations (AMSA) 72nd Reciprocal Meat Conference (RMC) in Fort Collins, Colo.
- **Oral Fluid and Exhaled Breath as Alternative Matrices.** Presented by Dr. Matthew Fedoruk during #PCC2019 in London, United Kingdom.
- **Cannabis and Competitive Sports: Evidence for Effects on Recovery and Performance Enhancement:** Presented by Dr. Fedoruk at the American College of Medical Toxicology’s 2019 Annual Scientific Meeting in San Francisco, Calif.

Expert Committee Participation

- WADA Technical Document for Sport Specific Analysis (TDSSA) Expert Group, Dr. Fedoruk, Chair
- WADA Athlete Biological Passport Ad-Hoc Working Group, Dr. Fedoruk, Member
- International Dried Blood Spot (DBS) Steering Committee, Dr. Fedoruk, Member
- IPC Anti-Doping Committee, Dr. Fedoruk, Member
- 2019 Parapan American Games, Lima, Peru, IPC Anti-Doping Committee, Dr. Fedoruk, Member
- PCC Scientific Advisory Board, Dr. Fedoruk, Co-Chair
- American Physiological Society, 2020 Integrated Physiology of Exercise Meeting, Programming Committee, Dr. Fedoruk, Member

Partnership For Clean Competition

Supported by USADA and other organizations committed to clean sport, the Partnership for Clean Competition (PCC) is a nonprofit organization working to protect the integrity of sport and the public health by supporting high-quality anti-doping research and practical developments.

Below are some of the PCC’s accomplishments in 2019:

- Funded 28 projects (includes Translational Research Fund and micro-grants)
- Approved \$4,172,668 in funding
- Submitted 50 applications and 25 micro-grant applications

- Oversaw 50+ ongoing projects
- Supported 35+ publications and presentations
- Awarded 1 Fellow and supported 4 existing Fellows
- Maintained IGF-1, Oral Fluids, and Performance Hematology Working Groups
- Launched working groups for Reference Materials and Collagen Turnover

Some of the PCC’s key initiatives in 2019 included:

#PCC2019

The PCC hosted its first overseas conference in London. #PCC2019 attracted more than 275 people from all over the world to discuss anti-doping research and practices, making it the largest

conference the organization has hosted. The conference focused on bringing in the voice of athletes and adopting innovative new approaches in the anti-doping community.

DRIED BLOOD SPOT TRIAL

The PCC worked with Major League Baseball and Sports Medicine Research and Testing Laboratory (SMRTL) to conduct a trial of new dried blood spot testing technology. The testing allows for simpler, more cost-effective, and painless collection from the athlete’s shoulder rather than drawing blood from a vein. The trial included 212 volunteer Minor League Baseball players.

Therapeutic Use Exemptions

USADA recognizes that athletes, like all people, may have medical conditions or illnesses that require them to receive treatment with a particular medication or undergo medical procedures. If the substance or method prescribed to treat that medical condition is prohibited by the World Anti-Doping Agency (WADA) Prohibited List, athletes can apply for a Therapeutic Use Exemption (TUE), and if granted, obtain permission to use a prohibited substance or method in sport for a specified time period. All TUEs are evaluated according to the WADA International Standard for TUEs and are subject to mandatory WADA monitoring for compliance.



TUE Breakdown

Athlete Classification	Number of Substances on TUE Applications	Approved	Denied
Testing Pool	169	119	10
Non-National	715	354	35
TOTALS	884	477	45

Non-National TUE Policy

USADA made major policy changes in late 2019 that impacted TUE processing for athletes who are not international or national-level competitors. The refined TUE Policy for Non-National Athletes ensures that TUE requirements are proportional to the athlete's level of competition and allows USADA to more efficiently manage its TUE resources.

TUEs Processed by Prohibited List Category

2019 **TOP 10** Most Requested Categories by TUE Outcomes

Registered Testing Pool Athletes

	TUEs APPROVED	TUEs DENIED
Beta-Blockers	1	0
Anabolic Agents	3	0
Cannabinoids	6	0
Hormone and Metabolic Modulators	8	0
Narcotics	4	0
Diuretics and Other Masking Agents	9	0
Chemical and Physical Manipulation	7	0
Beta-2 Agonists	10	5
Glucocorticoids	27	0
Stimulants	44	5

*Charts do not include Processing, Not Needed, Incomplete, and Withdrawn TUEs.

TUEs Processed by Prohibited List Category

2019 **TOP 10** Most Requested Categories by TUE Outcomes

Non-National Athletes

	TUEs APPROVED	TUEs DENIED
Chemical and Physical Manipulation	4	0
Beta-Blockers	3	0
Narcotics	15	0
Peptide Hormones, Growth Factors, and Related Substances	26	0
Hormone and Metabolic Modulators	36	1
Anabolic Agents	17	13
Beta-2 Agonists	16	10
Diuretics and Other Masking Agents	37	1
Glucocorticoids	37	6
Stimulants	163	4



EFFORT



INDOMITABLE

INDOMITABLE:

impossible to subdue or defeat; unconquerable

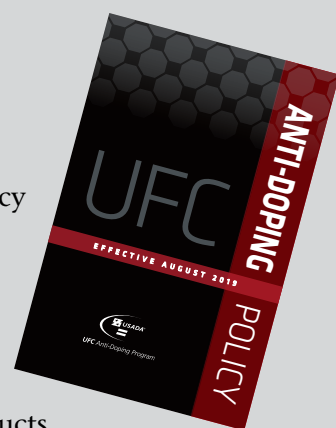
In July of 2015, UFC® partnered with USADA to launch a UFC Anti-Doping Program, which became the first independently administered anti-doping program in professional sport. USADA is responsible for education initiatives, in and out-of-competition testing, and results management for this global program.



UFC Policy Updates Promote Athlete Rights

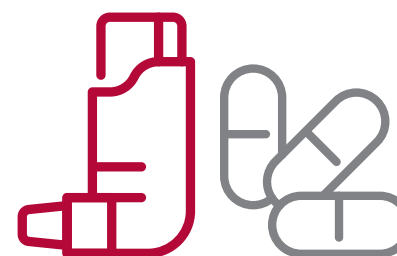
USADA and UFC announced innovative changes to the UFC Anti-Doping Policy that are designed to make the program fairer for athletes. With these changes, USADA introduced:

- **UFC Prohibited List**
- **Decision concentration levels** for key substances to ensure that athletes are not sanctioned as a result of consuming contaminated products that have not provided any performance advantage.
- **Certified supplements** to give athletes safer choices if they choose to use supplements



UFC Education

- **171** Educational phone calls for new athletes in **16** languages
- **725** Athletes completed Athlete's Advantage education tutorial
- **4** Required Reads
- **10** Athlete Advisories



UFC Drug Reference

- **11,891** Substance and Method Declarations Reviewed
- **226** Phone Inquiries Answered
- **431** Email Inquiries Answered
- **14,410** UFC Global DRO Inquiries
 - Top 5 Substances Searched on UFC Global DRO:
 - Cannabis/Marijuana
 - Cocaine
 - Albuterol
 - Caffeine
 - Phenylephrine

UFC By The Numbers

4,296

tests
completed
around the
world



99%
Whereabouts
compliance
for Q1-Q4

31
SANCTIONS
ANNOUNCED



Therapeutic Use Exemptions (TUEs)

- **10** UFC TUEs Granted

2019 UFC TUE Breakdown

Number of Substances on TUE Applications	Approved	Denied
12	10	1

UFC TUEs Granted in 2019 By Substance Class

Beta-2 Agonists	1
Chemical and Physical Manipulation	3
Diuretics and Other Masking Agents	2
Glucocorticoids	3
Stimulants	1

*Charts do not include Processing, Not Needed, Incomplete, and Withdrawn TUEs.

UFC Testing

2019 Overview in Numbers



2019 Testing Breakdown

Test Type	Urine Tests	Blood Tests	TOTAL
In-Competition Tests	386	26	412
Out-of-Competition Tests	3,392	492	3,884
TOTALS	3,778	518	4,296

UFC Results Management

As part of its mission to ensure that athletes have the opportunity to compete in a clean Octagon, USADA maintains a robust results management and adjudication program, which affords a full and fair legal process to athletes and support personnel.

- **31** Sanctions Announced in 2019
- **16** Cases Initiated in Prior Years Resulting in a Sanction Announcement in 2019

UFC Adverse Findings & Other Doping Violations Initiated in 2019

Potential Doping Violations	89
Number of Cases Initiated in 2019 Resulting in a Sanction	17
Number of Cases Resulting in No Violation	50
Number of Cases Pending at End of 2019	22

UFC Potential Violations Breakdown by Substance Category

Substance	# of Potential Violations
Anabolic Agents	43
Beta-2 Agonists	2
Beta Blockers	0
Cannabinoids	2
Chemical and Physical Manipulation	12
Diuretics and Other Masking Agents	11
Glucocorticoids	4
Hormone and Metabolic Modulators	5
Narcotics	1
Non-Analytical	2
Peptide Hormones, Growth Factors, and Related Substances	6
Stimulants	1



FROM
TIRELESS
TO
TIRELESS
TO
TIRELESS

TIRELESS



TIRELESS:

having or showing great effort or energy, incapable of being fatigued

Understanding and elevating athletes' perspectives is critical to the future success of the anti-doping movement, both in the United States and around the world. As such, USADA is connecting with athletes to explore their thoughts and share their insights on anti-doping and the integrity of sport. Here are some of the stories we shared in 2019.

THREE-TIME PARALYMPIAN STEVE SERIO
on Innovation in Anti-Doping

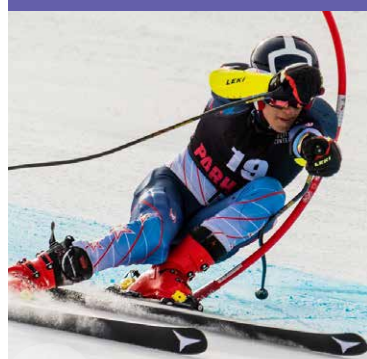
Steve Serio, a three-time wheelchair basketball Paralympian, became a member of Team USA at the age of 17 and has since spent more than a decade on the men's U.S. Wheelchair Basketball National Team. As such, he has experienced an evolution in anti-doping, both from a technology and messaging standpoint, and recognizes that the fight for clean sport is ongoing.



“ I think continued investment in the innovative side of USADA is paramount to making sure that athletes are protected, that the sports are protected, and that **we're all going out there and competing on the same level playing field.** ”

WHY TAKE THE RISK: An Athlete's Perspective on Cannabinoids

Para alpine skier and two-time Paralympian **Tyler Carter** shared his thoughts on the much-debated topic of cannabinoids in sport, explaining that he avoids supplements, cannabinoids, and anything that might jeopardize his career as a clean athlete.



“ I don't want to put myself or anyone else at risk of anything that could **jeopardize our career, training, or competition.** It's just all about taking care of yourself, looking out for what you need to do, and remembering the goal... **remembering why you're here,** what you're working towards. ”

KATIE UHLAENDER on the Past, Present, and Future of Clean Sport

A four-time Olympian in the sport of skeleton with numerous top finishes in World Championships, **Katie Uhlaender** knows what it means to fight for her dreams. She also knows what it feels like to have those dreams clouded by questions of whether she has had access to a level playing field. She reflected on that experience, how the Russian doping scandal has been handled, and the way forward for clean sport.

“ **What broke my heart is that the Olympic Games were not the Olympic Games. I could never get that back, none of us could, even the winners of the race. It tainted the whole memory... without the rules, there is nothing.** ”





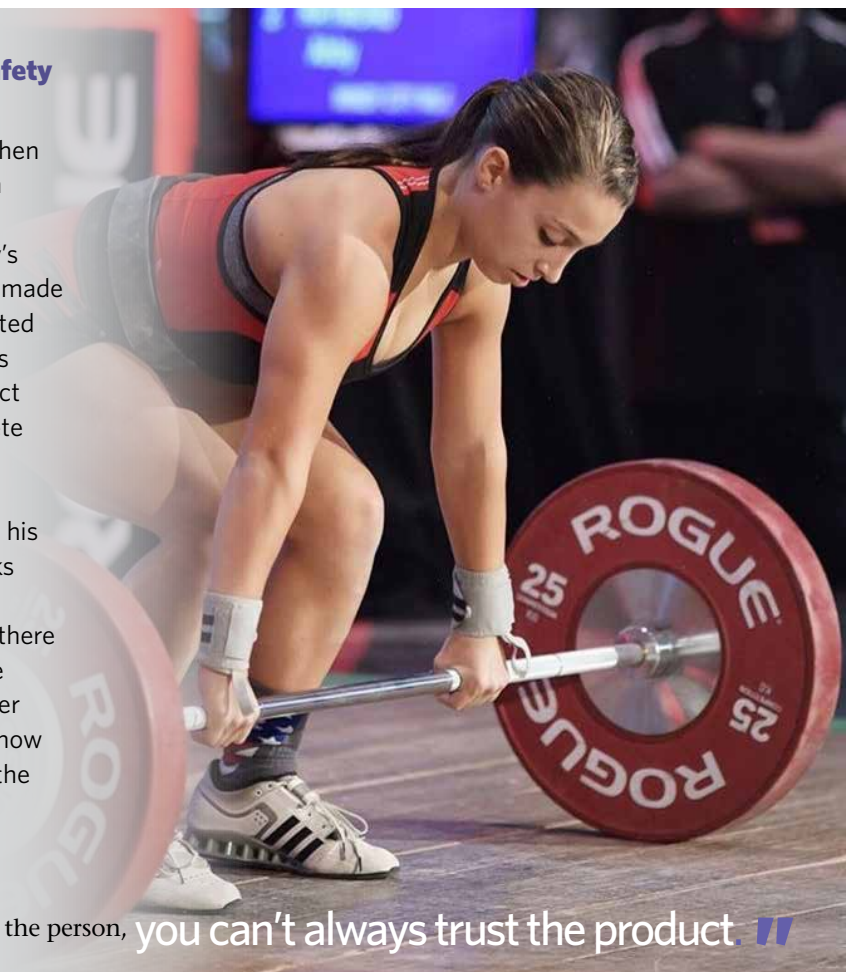
MOVING FORWARD: Kara Goucher's Ongoing Fight for Clean Sport

Few people understand what it takes to stand up for clean sport like Kara Goucher, the long-distance runner who put values before ambition when she became a whistleblower in 2013. A two-time Olympian, she was first known for winning the first ever American medal in the women's 10,000 meters at the 2007 IAAF World Outdoor Championships in Osaka, Japan. This bronze medal was later upgraded to silver after her competitor was disqualified for doping. Kara spoke with USADA about her ongoing fight for clean sport and why it's important for all those who believe in the integrity of sport to take a stand.

Having that medal awarded to me 10 years later, I never thought that I was robbed from the medal in Osaka, so it never crossed my mind until I found out. **That was a life-changing moment.** I want everybody else who has had an experience like that to have that wrong righted. I won't stop fighting for it.

ABBY RAYMOND: Supplement Safety is Never Guaranteed

Abby Raymond was just 14 years old when she was offered a protein powder and a pre-workout supplement from a family friend, who explained that his company's products were plant-based, vegan, and made from all-natural ingredients. While excited about her first sponsorship offer, Abby's father pointed out that Abby was subject to anti-doping rules as a standout athlete competing in sanctioned weightlifting events...a concern that was met with assurances by the company owner that his supplements were safe. After just weeks of using the supplements, Abby had an anti-doping test and soon learned that there are no guarantees when it comes to the safety of supplements. She explained her responsibility for competing clean and how she hopes to help other athletes avoid the same mistake.



It showed me that even if you trust the person, you can't always trust the product.

VERONICA DAY: What it Means to Avoid Shortcuts in Sport and in Anti-Doping

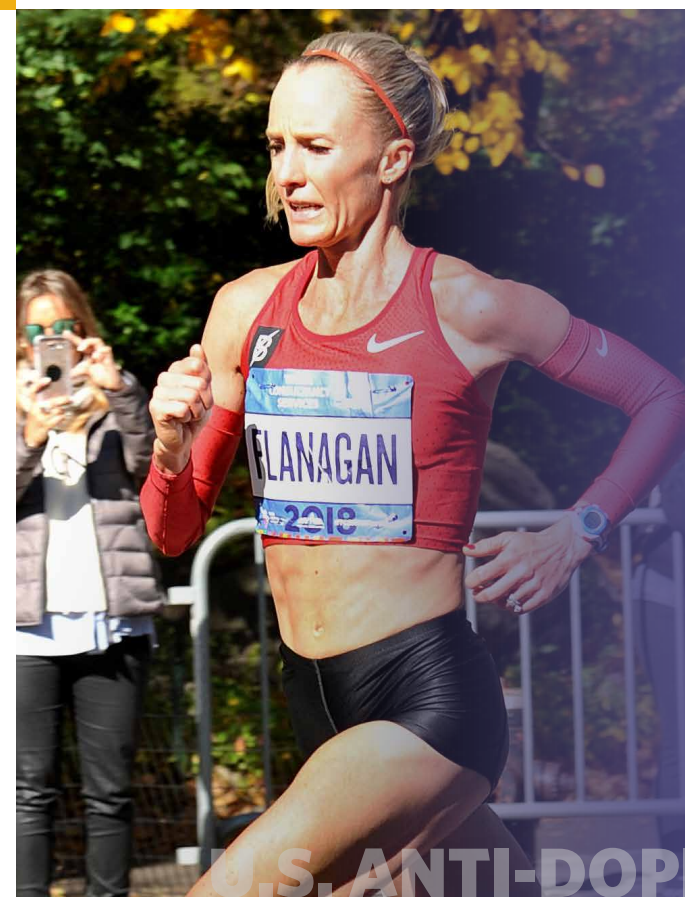
Skeleton athlete Veronica Day explains how and why she avoids shortcuts in life, in sport, and in anti-doping. She believes that being successful in sport and in life means doing the work and doing the right thing regardless of who's watching or not.



Competing the wrong way in sport also takes away the value of sport to everyone, and that's not just taking away the value to other athletes. It takes away the value for the public. **People watch us and they look up to us to be the best we can be.** And if we're doing something that is a shortcut, it really takes away from kids, from teaching them the wrong versus the right way to do something. It also really hinders the public's perception of what sports are on a bigger scale.

SHALANE FLANAGAN: Losing Big Moments to Dopers

A four-time Olympian, Olympic silver medalist, and New York City Marathon winner, Shalane Flanagan has had a wildly successful career in track and field. Despite this impressive list, the marathoner could have even more accolades to her name and priceless moments in her memory... if not for athletes who've used performance-enhancing drugs to gain an advantage in sport. Shalane explained how doping has impacted her career and how she views the fight for clean sport.



People want to believe in magic and believe in miracle performances. **They don't want to question whether it was enhanced by a drug.** They want to know that the person put in the time and dedication to create something beautiful.

HEAD-TO-FOOT

UNWAVERING



UNWAVERING:

steady or resolute;
continuing in a strong
and steady way

TESTING AND DCO OPERATIONS

Testing is an integral part of USADA's ability to detect doping and hold accountable those who violate anti-doping rules. Both in-competition (IC) and no-notice, out-of-competition (OOC) testing are part of an effective anti-doping program that protects clean athletes' rights and a level playing field.

Olympic, Paralympic, Pan American, and Parapan American Testing

2019 Overview in Numbers

7,336 tests completed

154,926 Whereabouts updates received

In collaboration with USADA's Science and Results Management teams, the Testing and Athlete Services team oversees and strategically allocates resources for IC and OOC testing for Olympic, Paralympic, Pan American, and Parapan American athletes.

2019 Olympic, Paralympic, Pan American, and Parapan American Sport Testing Numbers

Test Type	Urine Tests	Blood Tests	TOTAL
In-Competition Tests	2,173	129	2,302
Out-of-Competition Tests	3,900	1,134	5,034
TOTALS	6,073	1,263	7,336

Pan American and Parapan American Games Testing

The Pan American and Parapan American Games took place in Lima, Peru in 2019. USADA began the year with a long list of more than 1,000 individual athletes with the potential to represent the U.S. in Lima, and 925 athletes made the final team. Overall, USADA conducted **1,198 urine tests and 132 blood tests** on all potential Pan American and Parapan American athletes.

Tests completed on **confirmed** Team USA athletes:

Urine	Blood	EPO	Isotope Ratio Mass Spectrometry	Growth Hormone
1,061	112	89	50	49



SPORT	OOC	IC	TOTAL	SPORT	OOC	IC	TOTAL
Archery	4	6	10	Paralympic Shooting	8	0	8
Artistic Swimming	5	0	5	Paralympic Sled Hockey	10	0	10
Badminton	8	8	16	Paralympic Soccer	5	0	5
Basketball	28	0	28	Paralympic Swimming	50	48	98
Biathlon	57	30	87	Paralympic Table Tennis	16	0	16
Bobsled and Skeleton	65	35	100	Paralympic Taekwondo	3	0	3
Bowling	1	12	13	Paralympic Tennis	13	0	13
Boxing	56	25	81	Paralympic Track and Field	95	25	120
Canoe and Kayak	12	10	22	Paralympic Triathlon	36	0	36
Curling	0	16	16	Paralympic Volleyball	27	0	27
Cycling	472	358	830	Racquetball	7	12	19
Diving	14	12	26	Roller Sports	7	8	15
Equestrian	10	8	18	Rowing	358	39	397
Fencing	13	0	13	Rugby	88	0	88
Field Hockey	34	0	34	Sailing	20	0	20
Figure Skating	2	20	22	Shooting	0	62	62
Golf	3	0	3	Skateboarding	5	0	5
Gymnastics	23	32	55	Skiing and Snowboarding	145	153	298
Judo	45	28	73	Softball	30	0	30
Karate	5	24	29	Speedskating	108	47	155
Luge	17	0	17	Squash	6	4	10
Modern Pentathlon	7	0	7	Surfing	2	0	2
Paralympic Archery	0	2	2	Swimming	514	250	764
Paralympic Alpine Skiing	8	0	8	Table Tennis	9	12	21
Paralympic Basketball	38	0	38	Taekwondo	22	0	22
Paralympic Boccia	1	0	1	Team Handball	16	8	24
Paralympic Canoe	3	2	5	Tennis	55	0	55
Paralympic Curling	0	6	6	Track and Field	1487	408	1895
Paralympic Cycling	162	34	196	Triathlon	87	46	133
Paralympic Equestrian	1	4	5	Volleyball	57	0	57
Paralympic Goalball	2	12	14	Water Polo	59	8	67
Paralympic Judo	15	3	18	Water Skiing	12	0	12
Paralympic Powerlifting	7	0	7	Weightlifting	282	417	699
Paralympic Rowing	12	11	23	Wrestling	149	57	206
Paralympic Rugby	16	0	16	TOTALS	5,034	2,302	7,336

USADA Testing Pool Changes

In 2019, USADA implemented a new testing pool structure, moving from a single Registered Testing Pool (RTP) to a two-pool structure that better utilizes testing resources, minimizes undue burden for athletes, and increases testing effectiveness. While the Whereabouts requirements remain the same for RTP athletes, the athletes in USADA's new Clean Athlete Program (CAP) are subject to limited Whereabouts requirements that better align with their doping risk and type of testing. Both pools are subject to the same anti-doping education requirements, which includes an annual online education tutorial.

Throughout the year, USADA evaluated the new pool structure and identified strengths and areas of opportunity through compliance data and feedback from athletes, National Governing Bodies (NGBs) and International Federations (IFs). From this information, USADA determined it was necessary to require that CAP athletes include competition details in their Whereabouts filings as of 2020.

Whereabouts

Whereabouts information is critical to USADA's ability to conduct strategic no-notice, out-of-competition testing. Athletes in the RTP submit quarterly Whereabouts Filings and are responsible for providing updates to USADA when their schedule changes, whether it be documenting previously unplanned travel or adding a new training location. Athletes in both the RTP and CAP have numerous ways to communicate their Whereabouts to USADA.

Updates Submitted

Type	Number of Updates Submitted
Email	6,096
Text Message	2,222
Athlete Express® iOS App	59,618
Athlete Android App	12,411
Athlete Express Website	74,579

Whereabouts Compliance

RTP and CAP	Athletes in Pool	Forms Submitted	Compliance
Quarter 1	1,902	1,852	96.5%
Quarter 2	1,934	1,885	97.5%
Quarter 3	2,328	2,204	94.7%
Quarter 4	2,139	2,094	97.9%

Birthday Card

USADA sends happy birthday wishes to every testing pool athlete.



Global Service Testing

USADA provides customized, gold-standard education and testing services to sports organizations and event organizers worldwide as more organizations recognize the long-term benefits of deterring and detecting doping in their sports. National Governing Bodies, National Anti-Doping Organizations, the International Testing Agency, and International Federations use USADA to conduct testing.

Overview in Numbers

- **2,886** Tests Completed
- **79** Clients
- **14** Education Events

2019 Testing Numbers

Test Type	Urine Tests	Blood Tests	TOTAL
In-Competition Tests	1,204	81	1,285
Out-of-Competition Tests	857	744	1,601
TOTALS	2,061	825	2,886

Anti-Doping Programs

Since 2016, USADA has conducted face-to-face presentations at 18 New York Road Runner (NYRR) events. In 2019, USADA conducted **5 education events** with NYRR and interacted with **305 athletes, athlete support personnel, and NYRR staff**.

USADA also conducted **testing at 10 events**, for a total of 91 in-competition tests and 36 pre-competition tests, on behalf of NYRR.

Anti-Doping Education

USADA provides education to organizations through booths, presentations, and printed resources. In 2019, USADA provided education at 21 events to 14 organizations, including the clients below:

- ISU (Speed Skating)
- IBSF (Bobsled Skeleton)
- FEI (Equestrian)
- FIM (Supercross)
- IBJJF (Jiu-Jitsu)

Key Events with Annual Testing

- Boston Marathon (Track & Field)
- Tour of California (Cycling)
- World Jiu-Jitsu IBJJF Championship (Brazilian Jiu-Jitsu)
- Chicago Marathon (Track & Field)
- New York City Marathon (Track & Field)



Noteworthy Events Tested in 2019

- World Rowing Indoor Championships (Rowing)
- International Weightlifting Federation Youth World Championships (Weightlifting)
- 2019 U23 World Rowing Championships (Rowing)
- International Swimming League (Swimming)
 - Italy Meet
 - Texas Meet
 - Maryland Meet
 - Vegas Meet
- World IBJJF Jiu-Jitsu No-Gi Championships (Brazilian Jiu-Jitsu)

DCO Operations

USADA employs more than 60 highly trained Doping Control Officers (DCOs) across the country and the world who receive extensive training and evaluation on all aspects of the sample collection process. DCOs are also a resource for athletes and help them properly complete all sample collection paperwork.

OPERATIONS

DCO Team

USADA maintains both domestic and international DCO programs to complete the testing required for its Olympic and Paralympic anti-doping operations, as well as its UFC and global service testing. In 2019, the USADA DCO Team certified 12 new domestic DCOs and 8 international DCOs.

USADA's international DCOs completed:

- **83** tests in Europe
 - Compared to 120 in 2018
- **365** tests in Brazil
 - Compared to 252 in 2018
- **10** international events
 - Compared to 7 in 2018
- **53** tests in Australia and New Zealand

DCO EDUCATION

International DCO Conference

USADA hosted its first International DCO Conferences in 2019. The two conferences were held in London, United Kingdom and Sao Paulo, Brazil, where international DCOs met the internal staff members they consistently work with and learned about the importance of their work with USADA. Throughout the conference, additional training was provided, culminating in recertification to ensure that the USADA standard is maintained internationally.

- Brazil DCO Conference
 - **5** DCOs recertified
- European DCO Conference
 - **6** DCOs recertified

Internal Staff DCO Program

In November 2019, USADA launched the Internal Staff DCO Program that allows internal staff members to become certified DCOs and conduct out-of-competition and in-competition tests. With this program, USADA can more easily accommodate short-notice assignments or increased testing needs. The program has also provided in-depth training to staff members who want to gain a better understanding of the DCO role in an observational capacity.

- Certified **4** internal staff members
- Trained **5** internal staff members
- Conducted **2** out-of-competition tests
- Worked **2** in-competition events

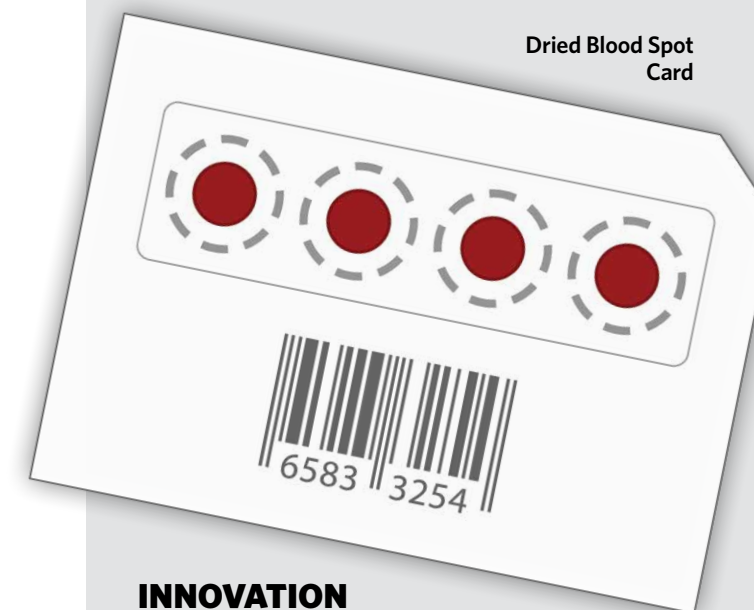
Notifying Chaperone Video

USADA developed a Notifying Chaperone video that enhances the training process for notifying chaperones at events. In previous years, Lead DCOs were responsible for providing the training to all notifying chaperones at each event. This new video ensures consistent and efficient training at every event and allows the Lead DCOs to answer any additional questions after all the responsibilities are presented.



Oceania Lead DCO Training

Committed to advancing excellence and providing leadership in the global community, the USADA DCO Team conducted a three-day Lead DCO Workshop for 13 Oceania Regional Anti-Doping Organization (ORADO) DCOs in early 2019. During the three-day workshop, USADA provided a comprehensive training for experienced DCOs to expand their knowledge of best practices and improve their decision-making skills. USADA also assisted with the development of a customized ORADO DCO Manual, which will be utilized by all ORADO DCOs.



INNOVATION

Independent Contractor Blood Collection Officers (BCO)

USADA has continued to expand the Independent Contractor BCO Program to meet blood testing requirements throughout the country. By hiring more Independent Contractor BCOs, USADA can cut costs by having these BCOs act as both witnessing chaperone and BCO, which helps reduce the need for several sample collection personnel and the associated travel costs per test.

- Contracted **9** Independent Contractor BCOs

Testing Matrices

After launching the innovative Dried Blood Spot (DBS) Testing Program in 2018, USADA continued to grow the program in 2019 by using the collection method across numerous sports and testing programs. The program has allowed USADA to collect blood samples in a non-invasive and time efficient manner, while also reducing costs by eliminating the need for a phlebotomist.

- DBS Testing Program: **173** tests completed
- USADA also launched the DCO/BCO Program in 2018 and the program now includes six personnel in the dual position. With this program, USADA can continue reducing the number of sample collection personnel required for each test, as well as the average cost per blood test.
- DCO/BCO Program: **231** tests completed





RESOLVE
DETERMINED

DETERMINED:

possessing or displaying
firm resolve, having reached
a strong decision

USADA RESULTS MANAGEMENT AND INVESTIGATIONS

USADA is charged with handling the results management and adjudication process for U.S. athletes in Olympic, Paralympic, Pan American, and Parapan American sport. This independence removes the inherent conflict of interest associated with sport organizations trying to both promote and police their sports. USADA's process affords a full and fair legal process to athletes and support personnel.

Detection and Deterrence

49 USADA ANNOUNCED SANCTIONS in 2019

- **21** Cases Initiated in Prior Years Resulting in a Sanction in 2019.

Breakdown of USADA Adverse Findings & Other Doping Violations Initiated in 2019

Potential Doping Violations in 2019	120
Number of Cases Referred to International Federations	2
Number of Cases Initiated in 2019 Resulting in a Sanction	28
Number of Cases Resulting in No Violation	69
Number of Cases Pending at End of 2019	21

Breakdown of Potential Violations By Substance Category

Substance	# of Potential Violations
Anabolic Agents	19
Beta-2 Agonists	7
Cannabinoids	2
Chemical and Physical Manipulation	4
Diuretics and Other Masking Agents	16
Glucocorticoids	2
Hormone and Metabolic Modulators	8
Non-Analytical	25
Manipulation of Blood and Blood Components	1
Peptide Hormones, Growth Factors, and Related Substances	2
Stimulants	34

Intelligence

Under the WADA International Standards for Testing and Investigations (ISTI), USADA and other Anti-Doping Organizations (ADOs) are required to have processes in place that facilitate the ability to gather intelligence from analytical and non-analytical information.

Many of USADA's investigations stem from tips provided through the Play Clean Tip Center. Through this center, USADA makes available numerous ways to report the abuse of performance-enhancing drugs in sport, which can help protect clean athletes and promote clean competition. In addition to ensuring that tips can be submitted anonymously, USADA handles all tips in a secure and systematic manner to ensure their reliability, relevance, and accuracy.

2019 By the Numbers

- **533** total tips (USADA and UFC)
- **70** tips led to target testing
- **4** violations identified from non-analytical evidence
- **3** sanctions announced involving non-analytical evidence

STUDENT-ATHLETE



EMPOWERED

EMPOWERED:

to feel powered or authorized;
to enable or promote
dreams and aspirations

INDEPENDENT AUDITOR'S REPORT



Board of Directors
United States Anti-Doping Agency
Colorado Springs, Colorado

REPORT ON THE FINANCIAL STATEMENTS

We have audited the accompanying financial statements of United States Anti-Doping Agency (the Agency), which comprise the statements of financial position as of December 31, 2019 and 2018, and the related statements of activities, functional expenses and cash flows for the years then ended, and the related notes to the financial statements.

Management's Responsibility for the Financial Statements

Management is responsible for the preparation and fair presentation of these financial statements in accordance with accounting principles generally accepted in the United States of America; this includes the design, implementation and maintenance of internal controls relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error.

Auditor's Responsibility

Our responsibility is to express an opinion on these financial statements based on our audits. We conducted our audits in accordance with auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in *Government Auditing Standards*, issued by the Comptroller General of the United States. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free from material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the financial statements. The procedures selected depend on the auditor's judgment, including the assessment of the risks of material misstatement of the financial statements, whether due to fraud or error. In making those risk assessments, the auditor considers internal control relevant to the entity's preparation and fair presentation of the financial statements in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the entity's internal control. Accordingly, we express no such opinion. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluating the overall presentation of the financial statements.

We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion.

Opinion

In our opinion, the financial statements referred to above present fairly, in all material respects, the financial position of United States Anti-Doping Agency as of December 31, 2019 and 2018, and the changes in its net assets and its cash flows for the years then ended in accordance with accounting principles generally accepted in the United States of America.

Emphasis of Matter

As discussed in Note 2 to the financial statements, in 2019, the Agency adopted ASU 2014-09, *Revenue from Contracts with Customers (Topic 606)*. Our opinion is not modified with respect to this matter.

Other Matters

SUPPLEMENTARY INFORMATION

Our 2019 audit was conducted for the purpose of forming an opinion on the financial statements as a whole. The schedule of expenditures of federal awards required by Title 2 U.S. *Code of Federal Regulations* Part 200, *Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards*, as listed in the table of contents, is presented for purposes of additional analysis and is not a required part of the financial statements. Such information is the responsibility of management and was derived from and relates directly to the underlying accounting and other records used to prepare the financial statements. The information has been subjected to the auditing procedures applied in the audit of the financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the financial statements or to the financial statements themselves, and other additional procedures in accordance with auditing standards generally accepted in the United States of America. In our opinion, the information is fairly stated in all material respects in relation to the financial statements as a whole.

Other Reporting Required by *Government Auditing Standards*

In accordance with *Government Auditing Standards*, we have also issued our report dated May, 13 2020, on our consideration of the Agency's internal controls over financial reporting and on our tests of its compliance with certain provisions of laws, regulations, contracts and grant agreements and other matters. The purpose of that report is to describe the scope of our testing of internal controls over financial reporting and compliance and the results of that testing, and not to provide an opinion on the effectiveness of the Agency's internal controls over financial reporting or on compliance. That report is an integral part of an audit performed in accordance with *Government Auditing Standards* in considering the Agency's internal controls over financial reporting and compliance.

BKD, LLP

Colorado Springs, Colorado

May 13, 2020

STATEMENTS OF FINANCIAL POSITION

December 31, 2019 and 2018

Assets	2019	2018
Current Assets		
Cash	\$ 6,106,070	\$ 6,430,960
Accounts receivable, net of allowance; 2019—\$11,813 and 2018—\$13,183	460,711	660,695
Investments	1,811,992	1,603,127
Supplies	314,752	307,290
Prepaid expenses and other	314,962	376,620
Total current assets	<u>9,008,487</u>	<u>9,378,692</u>
Noncurrent Assets		
Investment in InnoVero, LLC	132,621	—
Right-of-use assets - operating leases	1,505,580	1,800,561
Property and equipment, net	72,453	96,278
Total noncurrent assets	<u>1,710,654</u>	<u>1,896,839</u>
Total assets	<u>\$ 10,719,141</u>	<u>\$ 11,275,531</u>
Liabilities and Net Assets		
Current Liabilities		
Accounts payable and other accrued liabilities	\$ 2,004,099	\$ 1,836,822
Deferred revenue	200,447	539,963
Current maturities of operating lease liabilities	309,662	289,515
Total current liabilities	<u>2,514,208</u>	<u>2,666,300</u>
Noncurrent Liabilities		
Operating lease liabilities, net of current portion	1,327,968	1,637,630
Total liabilities	<u>3,842,176</u>	<u>4,303,930</u>
Net Assets Without Donor Restrictions		
Undesignated	5,176,965	5,271,601
Board-designated	1,700,000	1,700,000
Total net assets without donor restrictions	<u>6,876,965</u>	<u>6,971,601</u>
Total liabilities and net assets	<u>\$ 10,719,141</u>	<u>\$ 11,275,531</u>

See Notes to Financial Statements

STATEMENTS OF ACTIVITIES

Years Ended December 31, 2019 and 2018

	2019	2018
Revenues, Grants and Other Support Without Donor Restrictions		
ONDCP federal grant	\$ 9,500,000	\$ 9,500,000
United States Olympic and Paralympic Committee (USOPC) contractual agreement	5,345,730	5,142,250
Revenue from testing and other services	7,923,917	6,764,733
Change in equity investment in InnoVero, LLC	(221,960)	—
Net investment return (loss)	209,176	(129,398)
Total revenues, grants and other support without donor restrictions	<u>22,756,863</u>	<u>21,277,585</u>
Expenses		
Program expenses		
Testing services	13,529,013	12,087,841
Results management	3,014,398	3,347,451
Science, research and development and drug reference	2,502,212	2,870,792
Education and awareness	2,586,827	2,441,800
Total program expenses	21,632,450	20,747,884
General and administrative	1,219,049	1,170,080
Total expenses	<u>22,851,499</u>	<u>21,917,964</u>
Change in Net Assets Without Donor Restrictions	(94,636)	(640,379)
Net Assets Without Donor Restrictions, Beginning of Year	6,971,601	7,611,980
Net Assets Without Donor Restrictions, End of Year	<u>\$ 6,876,965</u>	<u>\$ 6,971,601</u>

See Notes to Financial Statements



STATEMENTS OF FUNCTIONAL EXPENSES

Year Ended December 31, 2019

	Program Services				Support Services		Total Expenses
	Testing	Results Management	Science Research and Development and Drug Reference	Education and Awareness	Total Program	General and Administrative	
Salaries and benefits	\$ 3,657,775	\$ 731,774	\$ 1,203,020	\$ 1,654,425	\$ 7,246,994	\$ 825,188	\$ 8,072,182
Sample collection and analysis	6,772,187	–	–	–	6,772,187	–	6,772,187
Professional services	500,677	2,047,404	883,919	521,092	3,953,092	25,270	3,978,362
Travel	1,571,707	12,569	83,879	94,304	1,762,459	52,124	1,814,583
Information technology	222,364	192,825	173,615	182,032	770,836	33,440	804,276
Occupancy, utilities and administrative expenses	681,670	10,928	21,855	32,783	747,236	169,492	916,728
Office expenses	67,474	9,854	33,659	18,251	129,238	12,254	141,492
Conferences, conventions and meetings	32,571	3,119	96,545	22,021	154,256	11,235	165,491
Other expenses	22,588	5,925	5,720	61,919	96,152	90,046	186,198
Total expenses	\$13,529,013	\$ 3,014,398	\$ 2,502,212	\$ 2,586,827	\$ 21,632,450	\$ 1,219,049	\$ 22,851,499

Year Ended December 31, 2018

	Program Services				Support Services		Total Expenses
	Testing	Results Management	Science Research and Development and Drug Reference	Education and Awareness	Total Program	General and Administrative	
Salaries and benefits	\$ 3,310,751	\$ 881,899	\$ 1,180,478	\$ 1,428,701	\$ 6,801,829	\$ 848,745	\$ 7,650,574
Sample collection and analysis	5,663,963	–	–	–	5,663,963	–	5,663,963
Professional services	323,561	2,124,415	1,223,499	651,829	4,323,304	66,628	4,389,932
Travel	1,378,341	36,912	50,135	83,186	1,548,574	32,400	1,580,974
Information technology	502,169	264,027	258,154	122,669	1,147,019	60,826	1,207,845
Occupancy, utilities and administrative expenses	716,523	14,458	16,926	22,568	770,475	120,173	890,648
Office expenses	85,731	16,746	28,810	22,339	153,626	10,656	164,282
Conferences, conventions and meetings	85,221	2,869	108,745	35,011	231,846	16,068	247,914
Other expenses	21,581	6,125	4,045	75,497	107,248	14,584	121,832
Total expenses	\$12,087,841	\$ 3,347,451	\$ 2,870,792	\$ 2,441,800	\$ 20,747,884	\$ 1,170,080	\$ 21,917,964

See Notes to Financial Statements

STATEMENTS OF CASH FLOWS

Years Ended December 31, 2019 and 2018

	2019	2018
Operating Activities		
Change in net assets	\$ (94,636)	\$ (640,379)
Items not requiring (providing) cash		
Depreciation and amortization	37,075	30,989
Non-cash portion of lease expense	5,466	57,294
Net realized and unrealized losses (gains)	(177,851)	152,230
Bad debt expense	46,178	–
Change in equity investment in InnoVero, LLC	221,960	–
Changes in		
Accounts receivable	153,806	794,017
Supplies	(7,462)	(27,770)
Prepaid expenses and other	61,658	(27,099)
Accounts payable and other accrued liabilities	167,277	(11,202)
Deferred revenue	(339,516)	424,758
Net cash provided by operating activities	73,955	752,838
Investing Activities		
Purchases of equipment	(13,250)	(15,188)
Purchase of investments	(600,228)	(436,282)
Proceeds from sale of investments	569,214	413,769
Contribution paid to equity investee	(354,581)	–
Net cash used in investing activities	(398,845)	(37,701)
Increase (Decrease) in Cash	(324,890)	715,137
Cash, Beginning of Year	6,430,960	5,715,823
Cash, End of Year	\$ 6,106,070	\$ 6,430,960
Supplemental Cash Flow Information		
Cash paid for amounts included in the measurement of lease liabilities		
Operating cash flows from operating leases	\$ 343,370	\$ 291,541

See Notes to Financial Statements

NOTES TO FINANCIAL STATEMENTS

NOTE 1: NATURE OF OPERATIONS AND SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

Nature of Operations

United States Anti-Doping Agency (the Agency) began operations October 1, 2000. The Agency is responsible for testing, education, research and adjudication for U.S. Olympic, Pan American Games, Paralympic athletes and the Ultimate Fighting Championship. The Agency is also responsible for enhancing research efforts and promoting educational programs to inform athletes of the rules governing the use of performance enhancing substances, the ethics of doping and its harmful health effects.

Use of Estimates

The preparation of financial statements in conformity with accounting principles generally accepted in the United States of America requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities at the date of the financial statements and the reported amounts of revenues, expenses, gains, losses and other changes in net assets during the reporting period. Actual results could differ from those estimates.

Cash

At December 31, 2019, the Agency's cash accounts exceeded federally insured limits by approximately \$5,875,000.

Accounts Receivable

Accounts receivable are stated at the amount of consideration from customers, of which the Agency has an unconditional right to receive plus any accrued and unpaid interest. The Agency provides an allowance for doubtful accounts, which is based upon a review of outstanding receivables, historical collection information and existing economic conditions. Delinquent receivables are written off based on individual credit evaluation and specific circumstances of the customer.

Investments

The Agency measures securities, other than investments that qualify for the equity method of accounting, at fair value.

Net Investment Return

Investment return includes dividend, interest and other investment income; realized and unrealized gains and losses on investments carried at fair value; and realized gains and losses on other investments, less external and direct internal investment expenses. Gains and losses on the sale of securities are recorded on the trade date and are determined using the specific identification method.

Supplies

Supplies consist of drug testing kits and other doping control supplies and are valued at the lower of cost (first-in, first-out method) or net realizable value.

Property and Equipment

Property and equipment are recorded at cost, less accumulated depreciation. Depreciation and amortization are calculated using the straight-line method over the following estimated useful lives:

Computer equipment and software	3 – 5 years
Furniture, fixtures and office equipment	5 – 7 years
Website development	3 years
Lab equipment	5 years

Leasehold improvements are amortized over the term of the leases or the estimated lives of the improvements, whichever is shorter.

Deferred Revenue

Deferred revenue includes revenues received, which have not yet been used for their specified period.

Net Assets

Net assets, revenues, gains and losses are classified based on the existence or absence of donor- or grantor-imposed restrictions.

Net assets without donor restrictions are available for use in general operations and not subject to donor or certain grantor restrictions. The governing board has designated, from net assets without donor restrictions, net assets for research and contingencies.

Net assets with donor restrictions are subject to donor- or certain grantor-imposed restrictions. The Agency does not have any donor-restricted net assets.

Federal Grants

Support funded by grants is recognized as the Agency performs the contracted services or incurs outlays eligible for reimbursement under the grant agreements. Grant activities and outlays are subject to audit and acceptance by the granting agency and, as a result of such audit, adjustments could be required.

United States Olympic and Paralympic Committee (USOPC) Contractual Agreement and Testing Services Revenue

USOPC contractual agreement and testing services revenue is recognized as the Agency satisfies performance obligations under its contracts. Revenue is reported at the estimated transaction price or amount that reflects the consideration to which the Agency expects to be entitled in exchange for providing goods or services. The Agency determines the transaction price based on standard charges for goods and services provided. The Agency determines its estimates implicit price concessions based upon historical experience.

Income Taxes

The Agency is exempt from income taxes under Section 501(c)(3) of the Internal Revenue Code and a similar provision of state law. However, the Agency is subject to federal income tax on any unrelated business taxable income.

Functional Allocation of Expenses

The costs of supporting programs and activities have been summarized on a functional basis in the statements of activities. The statement of functional expenses present the natural classification detail of expenses by function. Certain costs have been reasonably allocated among the program and management and general categories based on the percentage of effort, percentage of utilization and other methods.

Reclassifications

Certain reclassifications have been made to the 2018 financial statements to conform to the 2019 financial statement presentation. These reclassifications had no effect on the change in net assets.

NOTE 2: CHANGE IN ACCOUNTING PRINCIPLE

ASU 2014-09, Revenue from Contracts with Customers (Topic 606)

On January 1, 2019, the Agency adopted the Financial Accounting Standards Board Accounting Standards Update 2014-09, *Revenue from Contracts with Customers (Topic 606)*, (ASU 2014-09) using a modified retrospective method of adoption to all contracts with customers at January 1, 2019.

The core guidance in ASU 2014-09 is to recognize revenue to depict the transfer of promised goods or services to customers in amounts that reflect the consideration to which the Agency expects to be entitled in exchange for those goods or services.

The amount to which the Agency expects to be entitled is calculated as the transaction price and recorded as revenue in exchange for providing goods or services.

Adoption of ASU 2014-09 resulted in changes in related disclosures in the notes to the financial statements.

The adoption had no impact on operating income, overall change in net assets or net cash provided by operating activities.

NOTE 3: DISCLOSURES ABOUT FAIR VALUE OF ASSETS AND LIABILITIES

Fair value is the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date. Fair value measurements must maximize the use of observable inputs and minimize the use of unobservable inputs. There is a hierarchy of three levels of inputs that may be used to measure fair value:

- Level 1** Quoted prices in active markets for identical assets or liabilities
- Level 2** Observable inputs other than Level 1 prices, such as quoted prices for similar assets or liabilities in active markets; quoted prices in markets that are not active; or other inputs that are observable or can be corroborated by observable market data for substantially the full term of the assets or liabilities
- Level 3** Unobservable inputs that are supported by little or no market activity and that are significant to the fair value of the assets or liabilities

NOTES TO FINANCIAL STATEMENTS



Recurring Measurements

The following tables present the fair value measurements of assets recognized in the accompanying statements of financial position

measured at fair value on a recurring basis and the level within the Topic 820 fair value hierarchy in which the fair value measurements fall at December 31, 2019 and 2018:

	2019			
	Fair Value	Fair Value Measurements Using		
		Quoted Prices in Active Markets for Identical Assets (Level 1)	Significant Other Observable Inputs (Level 2)	Significant Unobservable Inputs (Level 3)
Equity mutual funds				
Large-cap	\$ 501,765	\$ 501,765	\$ -	\$ -
International	387,390	387,390	-	-
Small- and mid-cap	98,244	98,244	-	-
Multi-strategy	271,236	271,236	-	-
Other mutual funds				
Fixed income bonds	417,516	417,516	-	-
Real estate	128,305	128,305	-	-
	1,804,456			
Cash	7,536			
	<u>\$ 1,811,992</u>			

	2018			
	Fair Value	Fair Value Measurements Using		
		Quoted Prices in Active Markets for Identical Assets (Level 1)	Significant Other Observable Inputs (Level 2)	Significant Unobservable Inputs (Level 3)
Equity mutual funds				
Large-cap	\$ 401,906	\$ 401,906	\$ -	\$ -
International	320,620	320,620	-	-
Small- and mid-cap	80,717	80,717	-	-
Multi-strategy	236,548	236,548	-	-
Other mutual funds				
Fixed income bonds	453,971	453,971	-	-
Real estate	100,987	100,987	-	-
	1,594,749			
Cash	8,378			
	<u>\$ 1,603,127</u>			

Following is a description of the valuation methodologies and inputs used for assets and liabilities measured at fair value on a recurring basis and recognized in the accompanying statements of financial position, as well as the general classification of such assets and liabilities pursuant to the valuation hierarchy. There have been no significant changes in the valuation techniques during the years ended December 31, 2019 and 2018.

Investments

Where quoted market prices are available in an active market, securities are classified within Level 1 of the valuation hierarchy. Level 1 securities include large-cap, small- and mid-cap, multi- strategy and international equity mutual funds; and real estate, commodity and fixed income bond mutual funds. If quoted market prices are not available, then fair values are estimated by using pricing models, quoted prices of securities with similar characteristics or discounted cash flows. These are considered Level 2 securities. In certain cases where Level 1 or Level 2 inputs are not available, securities are classified within Level 3 of the hierarchy. Currently, the Agency does not have Level 2 or Level 3 securities.

NOTE 4: INVESTMENT IN INNOVERO, LLC

On February 7, 2019, InnoVero, LLC (InnoVero) was incorporated and on December 31, 2019, the partnership agreement was created and InnoVero became the manufacturer of anti-doping products and practices for athletes. The Agency had a 50% interest in InnoVero at December 31, 2019. The investment is accounted for under the equity method. The net income and net loss of InnoVero will be allocated amongst the Agency and the other investor based upon the ownership interest. Financial position and results of operations of the investee are summarized as follows:

	2019
Current assets	\$ 497,475
Current liabilities	-
Members' equity	\$ 497,475
Revenues	\$ -
Net loss	\$ 443,919

The Agency contributed \$354,581 during 2019, and recognized losses on the investment in equity investee of \$221,960 at December 31, 2019. The investment balance was \$132,621 at December 31, 2019.

NOTE 5: PROPERTY AND EQUIPMENT

Property and equipment at December 31 consists of:

	2019	2018
Computer equipment and software	\$ 600,423	\$ 801,770
Furniture, fixtures and office equipment	64,275	81,384
Leasehold improvements	80,025	80,025
Lab equipment	116,599	116,599
	861,322	1,079,778
Less accumulated depreciation and amortization	(788,869)	(983,500)
Total property and equipment, net	<u>\$ 72,453</u>	<u>\$ 96,278</u>

NOTE 6: LEASES

Right-of-use assets, operating leases as of December 31 consist of:

	Asset	
	2019	2018
Office space lease (A)	\$ 1,470,279	\$ 1,747,631
Copier lease (B)	35,301	52,930
Right-of-use assets	<u>\$ 1,505,580</u>	<u>\$ 1,800,561</u>

Lease liabilities as of December 31 consist of:

	Liability	
	2019	2018
Office space lease (A)	\$ 1,602,329	\$ 1,874,215
Copier lease (B)	35,301	52,930
	1,637,630	1,927,145
Less current portion	(309,662)	(289,515)
Lease liabilities, net of current portion	<u>\$ 1,327,968</u>	<u>\$ 1,637,630</u>

(A) The Agency has entered into an operating lease agreement for office space. Under the terms of the agreement, the Agency will pay escalating monthly payments through October 2024 and will have unlimited use of the space for that period of time. At lease inception, the lease liability is measured at the present value of the lease payments over the lease term. The Agency used a 3% imputed interest rate to calculate the present value of future cash flows in relation to the lease liability. The Agency

recognized \$328,949 and \$329,860 in operating lease expense related to this lease in 2019 and 2018, respectively.

(B) The Agency has an operating lease agreement for several copiers. Under the terms of the agreement, the Agency will pay \$1,581 in monthly payments through November 2021 and will have unlimited use of the copiers for that period of time. At lease inception, the lease liability is measured at the present value of the lease payments over the lease term. The Agency used a 3% imputed interest rate to calculate the present value of future cash flows in relation to the lease liability. The Agency recognized \$23,567 and \$18,972 in operating lease expense related to this lease in 2019 and 2018, respectively.

Future undiscounted cash flows for operating leases at December 31, 2019 are as follows:

2020	\$ 354,556
2021	364,160
2022	357,952
2023	369,138
2024	316,937
Total future undiscounted lease payments	1,762,743
Less discounted cash flows	(125,113)
	<u>\$ 1,637,630</u>

NOTE 7: LIQUIDITY

The Agency receives its funding from three key sources; a federal government grant, a contract with the U.S. Olympic Committee and contracted anti-doping services it provides to a variety of customers. There are no donor restrictions on funding.

As of December 31, 2019 and 2018, the following table shows the total financial assets held by the Agency that could readily be made available within one year of the statements of financial position date to meet general and operating expenses:

	<u>2019</u>	<u>2018</u>
Cash	\$ 6,106,070	\$ 6,430,960
Accounts receivable	460,711	660,695
Investments convertible to cash in the next twelve months	<u>1,811,992</u>	<u>1,603,127</u>
Financial assets available to meet general expenditures within one year	<u>\$ 8,378,773</u>	<u>\$ 8,694,782</u>

The Agency has board-designated net assets, which are included in investments, for various purposes more fully described in Note 8. These could be made available to use within one year, as determined by the board, if necessary. Accordingly, these assets have been included in the quantitative information above.

The Agency regularly monitors liquidity required to meet its operating needs. Its liquidity strategy is to maintain sufficient liquid assets to cover 90 days of operations, maintain a high level of liquidity in all investments and operate as guided by the board approved budget.

NOTE 8: BOARD-DESIGNATED NET ASSETS WITHOUT DONOR RESTRICTIONS

The Board has designated net assets for the following purposes:

	<u>2019</u>	<u>2018</u>
Research	\$ 700,000	\$ 700,000
Contingencies	<u>1,000,000</u>	<u>1,000,000</u>
	<u>\$1,700,000</u>	<u>\$1,700,000</u>

NOTE 9: USOPC CONTRACT

The Agency has an agreement with the United States Olympic and Paralympic Committee (USOPC) through December 31, 2022, to conduct a drug testing and anti-doping program for athletes in the Olympic, Paralympic and Pan American Games. Support funded by the USOPC is recognized as the Agency performs the contracted services. Revenue received from the USOPC for the years ended December 31, 2019 and 2018 was \$5,345,730 and \$5,142,250, respectively, of which \$0 and \$146,565 was included in accounts receivable at December 31, 2019 and 2018, respectively. To mitigate the perceived conflict of interest between the Agency and the American Arbitration Association (AAA) or the Court of Arbitration for Sport (CAS), which provides arbitration services for cases brought forth by the Agency, the USOPC directly pays all arbitration fees and expenses incurred by these entities up to \$500,000. During 2019 and 2018, the USOPC directly paid arbitration costs to these entities of \$869,946 and \$353,435, respectively. If the arbitration expenses incurred are less than \$500,000, then the excess up to \$500,000 is remitted to the Agency, which is included in the contract amount above. If the arbitration expenses incurred are more than \$500,000, then the

excess is paid to the USOPC. As part of the contract, there is \$200,000 of annual directed funding withheld for agreed upon projects; this funding was applied to the excess arbitration fees. At December 31, 2019 and 2018, \$169,946 and \$0 was included in accounts payable and accrued expenses for the excess owed to USOPC, respectively.

NOTE 10: REVENUE FROM CONTRACTS WITH CUSTOMERS

USOPC, Testing and Other Services Revenue

Performance obligations are determined based on the nature of the goods or services provided by the Agency in accordance with the contract. Revenue for performance obligations satisfied over time is recognized ratably over the period based on time elapsed. The Agency believes this method provides a faithful depiction of the transfer of services over the term of the performance obligation based on the inputs needed to satisfy the obligation.

Transaction Price and Recognition

The Agency determines the transaction price based on standard charges for goods and services provided reduced by implicit price concessions provided to customers. The Agency determines its estimate of implicit price concessions based on its historical collection experience with this class of customers.

The Agency has determined that the nature, amount, timing and uncertainty of revenue and cash flows are affected by the following factors:

- Payers (for example, customer and others) that have different reimbursement and payment methodologies
- Geography of the service location

For the year ended December 31, 2019, the Agency recognized revenue from goods and services that transfer to the customer over time.

NOTE 11: EMPLOYEE BENEFIT PLAN

The Agency maintains a 401(k) benefit plan covering all employees who meet the eligibility requirements. The Agency makes contributions at its discretion. The Agency's contributions to the plan were \$347,127 and \$350,992 for the years ended December 31, 2019 and 2018, respectively.

NOTE 12: SIGNIFICANT COMMITMENTS, ESTIMATES AND CONCENTRATIONS

Accounting principles generally accepted in the United States of America require disclosure of certain significant estimates and current vulnerabilities due to certain concentrations. Those matters include the following:

Revenue Concentration

The Agency received 90% and 86% of its support during 2019 and 2018, respectively, from three organizations. As discussed in Note 9, the Agency has a contract with the USOC (one of the three major organizations) through 2022.

Equipment Grant

Effective September 9, 2008, the Agency, as grantor, entered into a grant agreement with Sports Medicine Research and Testing Laboratory (the Laboratory). Under the terms of this grant agreement, the Agency will grant a piece of equipment with a cost of \$71,750 and now fully depreciated, to the Laboratory. The Laboratory must use the equipment only for purposes that fit within the Agency's mission and must report the detail of testing performed with the equipment to the Agency each year. The Agency would have the right to take back the equipment if either of these requirements was not met. As such, management considers the equipment property of the Agency.

Investments

The Agency invests in various investment securities. Investment securities are exposed to various risks such as interest rate, market and credit risks. Due to the level of risk associated with certain investment securities, it is at least reasonably possible that changes in the values of investment securities will occur in the near term and that such changes could materially affect the amounts reported in the accompanying statements of financial position.

There has been significant volatility in the investment markets both nationally and globally since December 31, 2019, resulting in an overall market decline in certain market segments which has resulted in a substantial decline in the value of our investment portfolio.

NOTE 13: SUBSEQUENT EVENTS

Subsequent events have been evaluated through May, 13 2020, which is the date the financial statements were available to be issued.

Curtailment of Operations

As a result of the spread of the SARS-CoV-2 virus and the incidence of COVID-19, the state of Colorado as well as other states in the United States that the Agency conducts business has issued shelter-in-place orders and other measures around public gatherings and business operations to slow the spread of the virus. As a result of this guidance, the Agency has significantly curtailed its operations. With the postponement of the

Olympics and other sporting events, testing services that the Agency provides will be deferred and the Agency is expecting revenue to decline. The duration of these uncertainties and the ultimate financial effects cannot be reasonably estimated at this time.

Coronavirus Aid, Relief, and Economic Security Act

On March 27, 2020, President Trump signed into law the Coronavirus Aid, Relief, and Economic Security Act. On April 16, 2020, the Agency received a loan in the amount of \$1,372,400 pursuant to the Paycheck Protection Program. The Agency anticipates using all of the proceeds to make eligible payments and, therefore, expects substantially all of the loan will be forgiven.



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