

2014 ANNUAL REPORT



U.S. ANTI-DOPING AGENCY







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DESIGN: APEX Communications, Inc.

PHOTOGRAPHY: Getty Images, Shutterstock, iStock, Ingram Image Ltd.

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LAURYN WILLIAMS races Landshark Running Club member Brandon – a race Brandon will never forget. Ambassador visits were a special part of the 2014 \triangleleft TrueSport Camp program. Lauryn shared her experiences as a runner and bobsledder, answered questions, and reinforced the principles of TrueSport, all of which aids in preparing future athletes for success.

TrueSport Ambassador

Photo: Kelly Walker



USADA stepped into 2014 ready to embrace new opportunities that would advance the anti-doping movement for the betterment of sport and all athletes. The mission for clean sport saw great success throughout the year as USADA continued to: cooperate with international organizations and law enforcement agencies; strategically produce testing plans that were efficient and effective; stand at the forefront of scientific analysis and research, providing consultation on many anti-doping cases both domestically and abroad; educate athletes and athlete support personnel on the important role they play in keeping sport clean; and lead innovative technological advances for anti-doping.

As we reflect on 2014, we are continually reminded of the commitment made by our U.S. athletes. It is with great respect for their dedication that we remain steadfast and focused on the imperatives set forth in our Game Plan 2016: 1) Organizational Excellence; 2) Leadership; and 3) Innovation.

In the midst of an exciting Olympic year, USADA remained firmly committed to supporting athletes' efforts to represent the United States clean and free from the use of performance-enhancing drugs. Some highlights from the past year include:

- Receiving reauthorization from the U.S. government through 2020 to ensure that USADA has the authority it needs to protect clean competition in the Olympic and Paralympic movements.
- Hosting the 13th annual USADA Symposium on Anti-Doping Science focusing on the stimulation of erythropoiesis and oxygen utilization.
- Continuing the partnership with the Uniformed Services University (Department of Defense) in the joint dietary supplement testing program, which detected prohibited substances in 75 percent of the supplements tested in 2014.
- Engaging with 1.5 million families through a variety of TrueSport programming vehicles, including the TrueSport and USA Swimming Deck Pass partnership, TrueSport Camps, the Athlete Ambassador program, and more.
- Delivering gold standard service programs to International Federations, other National Anti-Doping Organizations, and third-party testing entities, increasing the number of user-pay tests by 20 percent.

Most importantly, USADA ensured that athletes representing the U.S. at the 2014 Winter Olympic Games in Sochi were doing so without the use of performance-enhancing drugs. Even with education programs, detection and deterrence endeavors, testing, and state-of-the-art sample analysis, none of our pre-games efforts would have been possible without the courage, integrity, and dedication of all of the athletes to compete fairly.

Each year, the USADA Board of Directors and staff are humbled and honored to be entrusted with the responsibility to work towards achieving our vision and mission in a way that will benefit both the current generation of elite athletes, as well as those generations of athletes to come. The growing public support and world wide collaborative efforts are encouragement that progress is being made. USADA remains committed to preserving the integrity of competition in the hopes of creating a sustainable and fair playing field for athletes of all ages.

EDWIN C. MOSES Chair, Board of Directors

TRAVIS T. TYGART Chief Executive Officer

SOCHI 2014 TEAM USA MEDAL COUNT: 42ି



Numbers taken from: espn.go.com/olympics/winter/2014/medals and paralympic.org/sochi-2014/schedule-results



The USADA Board of Directors is comprised of 10 independent, experienced, and professional individuals who share the ideals and principles associated with USADA's vision, mission, and core values. The Board of Directors advise and support the staff in executing the work of the organization through its balanced and diverse perspectives. For more information on the USADA Board of Directors, please visit **www.USADA.org/board-of-directors**.



Edwin C. Moses Sc.D hc – CHAIR

Edwin Moses is a gold medal winning track & field icon, physicist, and longtime clean sport advocate. Moses serves as Chairman of the Laureus World Sports Academy, which uses the influence of sport as a tool for social change around the globe. He is also the Chair of the World Anti-Doping Agency's Education Committee.

Richard V. Clark, M.D., Ph.D., FACP - VICE CHAIR



Dr. Richard V. Clark is the Director of Discovery Medicine in the Metabolic Therapeutic Area at GlaxoSmithKline (GSK). Prior to his work with GSK, he conducted clinical practice and research in endocrinology and metabolism at both Emory University and Duke University of Medicine.

Marcia Lee Taylor – SECRETARY

Marcia Lee Taylor is Senior Vice President and Director of Government Relations for the Partnership for Drug Free Kids. Prior to her non-profit work, Taylor was a staffer on Capitol Hill for 11 years and was the Senior Drug Policy Advisor on the Senate Judiciary Subcommittee on Crime and Drugs, working on many important pieces of legislation including the Anabolic Steroid Control Act of 2004.



Carl Swenson – TREASURER



An outstanding competitor in both cross-country skiing and mountain biking, Carl Swenson

was a three-time Olympic team

member in 1994, 2002, and 2006, and was captain of the ski team in each of the latter two years. Currently, Swenson is an attorney with the New Hampshire Public Defender's Office in Dover, N.H.

Donald Gambril



Donald Gambril served as the head coach for the 1984 U.S. Olympic Swimming Team and was an

1968, 1972, 1976, and 1980 U.S. Olympians. Gambril also served as a collegiate coach at Pasadena City College, Long Beach State,

Harvard, and Alabama. He retired from coaching in 1990 and has dedicated more than 50 years to athletic administration and coaching.



John Bardis is the Founder, Chairman, and former Chief Executive Officer of MedAssets and has more than 30 years of experience in the healthcare industry. Bardis was named Team Leader of the U.S. Greco-Roman Wrestling Team for the 2008 Olympic Games in Beijing, China and also served as Team Leader in the 2007 World Championships where Team USA won the world team title for the first time in wrestling history.

Cheri Blauwet, M.D.

John Bardis

Dr. Cheri Blauwet is a decorated Paralympian in the sport of wheelchair racing, competing for Team USA in three Paralympic Games (Sydney '00, Athens '04, and Beijing '08) and bringing home a total of seven medals. She is currently Chairperson of the International Paralympic Committee Medical Committee and is a faculty member at Harvard Medical School, where she practices sports medicine.



Jim Kooler, DrPH



A strong ally for young people, Dr. Jim Kooler has worked in the prevention field for over 30 years. He currently provides leadership and support to Friday Night Live Partnership programs in 54 counties in California, and leads the California Center for Youth Development. Previously, Kooler was the Director of the Governor's Mentoring Partnership and Deputy Director for the Prevention Services Division at the Department of Alcohol and Drug Programs in California.

BOARD OF DIRECTORS

Robert Raskopf



Robert Raskopf is a partner at Quinn Emanuel Urquhart & Sullivan and a prominent trial and appellate lawyer in intellectual property, media, sports entertainment, and privacy matters. As an internationally recognized lawyer, Raskopf is a founding member of the Federal Bar Council Intellectual Property Committee and a member of the Lawyers Committee of the NY Public Library.

Ken Wright, D.A., ATC

Dr. Ken Wright is a Professor and Director of the Sport Management Program at The University of Alabama. He was previously Head Athletic Trainer at the University of North Carolina at Charlotte and Morehead State University, and Assistant Athletic Trainer at Ohio University. Wright served as a Doping Control Officer for both the USOC and USADA from 1990-2012, including working at three Olympic Games (London, Vancouver, and Salt Lake City).



LEADERSHIP AND SENIOR STAFF

Travis T. Tygart – CHIEF EXECUTIVE OFFICER



Travis T. Tygart became USADA's Chief Executive Officer in September 2007 and works closely with the USADA Board of Directors to carry out the organization's mission. As CEO, Tygart has injected a passion and energy into the fight against doping, including reaching out to America's Olympic athletes and embracing them as part of the solution.

Under Tygart's leadership, USADA's efforts to protect clean athletes have included cooperating with Federal authorities on numerous investigations such as the international steroid bust, Operation Raw Deal, and the international doping conspiracy involving the BALCO laboratory in San Francisco. Tygart led the investigation into the U.S. Postal Service pro-cycling team doping conspiracy and the publication of the Reasoned Decision in the Lance Armstrong case. Tygart's tenure as CEO also produced the groundbreaking research on the importance of true sport, "What Sport Means in America," and the "TrueSport Report." Tygart has been recognized by *Sports Illustrated* as one of the 50 Most Powerful People in Sports; named to the *TIME* 100 list of most influential people in the world for 2013; named one of the top 12 World Sports Personalities of the Year by *Sport Intern*; selected as one of the World's Most Influential Sports Personalities by *Inside Sport*; and was one of the Colorado Lawyers of the Year named by *Colorado Law Weekly*. A lawyer by training, Tygart has also published numerous papers and law review articles on topics including Title IX, antitrust, and doping in sport.

Tygart graduated from the University of North Carolina at Chapel Hill with a bachelor's degree in philosophy, and in 2010, he received the University's Distinguished Young Alumni Award. Tygart went on to get his J.D. from Southern Methodist University in 1999, graduating Order of the Coif, and in 2014, he was recognized as one of its Distinguished Alumni.

Dr. Larry D. Bowers – CHIEF SCIENCE OFFICER



Dr. Larry Bowers joined USADA in September 2000 and was named the Chief Science Officer in 2009. He is globally recognized for his expertise and experience in anti-doping science and for being a pioneer in the field. Bowers provides leadership and scientific support for USADA's programs in research, sample collection planning, results management, arbitration, and education. Dr. Bowers frequently speaks on anti-doping science and deterrence. He has organized the prestigious annual USADA Symposium on Anti-Doping Science since 2002, and serves as Chairman of the Scientific Advisory Board for the Partnership for Clean Competition, an organization co-founded by USADA that funds research in anti-doping science. In addition to his work at USADA, Bowers serves on the Food and Drug Administration Medical Devices Advisory Committee. He has previously served on the Substance Abuse and Mental Health Service Administration Drug Testing Advisory Board and on the Scientific Working Group for Forensic Toxicology. He also serves in an advisory capacity to numerous other national and international drug testing organizations and the World Anti-Doping Agency. Bowers was Associate Editor (Drug Testing and Toxicology) for the journal *Clinical Chemistry*, the deputy director of the drug testing laboratory for the 1996 Olympic Games, and has served on several scientific organizations' Board of Directors.

LEADERSHIP

He has testified as an expert witness in cases dealing with the use of performance-enhancing drugs and testing protocol. He has also published more than 100 papers, book chapters, and books, most in the areas of analytical toxicology and drug metabolism. He is the recipient of the 2007 Franklin & Marshall Alumni Citation for Distinguished Professional Achievements, the 1990 American Association for Clinical Chemistry Award for Outstanding Contributions in a Selected Area of Research, and the 1985 Leroy Sheldon Palmer Award in Chromatography from the Minnesota Chromatography Forum.

John Frothingham – CHIEF OPERATING OFFICER



John Frothingham joined USADA in March 2008 and brought with him more than 20 years of financial and business operations experience from a variety of for-profit and non-profit organizations. As Chief Operating Officer for USADA, Frothingham is responsible for managing the test planning and administration, sample collection, Olympic education, information technology, and TrueSport functions of the organization.

Frothingham has been influential in the advancement and international distribution of the organization's anti-doping management system and in the development of technology for the USADA Paperless Sample Collection System[™]. He has also initiated a number of partnerships and license agreements with other members of the global anti-doping community.

Prior to joining USADA, Frothingham was the Chief Operating Officer of Carmichael Training Systems, Inc. where he was responsible for developing long-term strategic plans as well as managing the financial, information technology, and regional center operations.

Previous to this, Frothingham held positions with Transaction System Architects, USA Swimming, Inc., and Price Waterhouse Coopers. Frothingham is a Certified Public Accountant and holds a Master of Science degree in Taxation and a bachelor's degree in Accounting. SENIOR Staff





William Bock, IIISamGeneral CounselBus:UniversityUniversity





Matt Fedoruk, Ph.D. Science Director



Erin Hannan Communications Director (until April 2014)



Onye Ikwuakor

Legal Affairs Director



Andrew Morrison Sport Testing and Resources Director



STAFF

Headquartered in Colorado Springs, Colorado, USADA's professional staff is responsible for managing and coordinating the organization's comprehensive anti-doping program initiatives including education, science & research, testing, and adjudication. USADA's dedicated and talented staff includes 40 home office employees and 50 Doping Control Officers out in the field who work together as a synergistic team to realize the organization's mission to preserve the integrity of competition, inspire true sport, and protect the rights of U.S. athletes.



AVERAGE LENGTH OF EMPLOYMENT for USADA staff



COMBINED TOTAL YEARS OF SERVICE by USADA staff





EDUCATION IS AN EXTREMELY IMPORTANT PILLAR of an effective anti-doping program and is the first line of defense in protecting the rights of clean athletes. USADA provides extensive anti-doping education to thousands of individuals each year, helping athletes and athlete support personnel understand the role they play in protecting clean sport. Each day, USADA's Olympic Education team supports U.S. athletes through education initiatives, maximizing effectiveness and convenience through a variety of touch points and educational styles.





WEIGHTLIFTING NATIONAL YOUTH CHAMPIONSHIPS PORT ORANGE, FLORIDA

Incorporated new engagement activities including a bean bag toss and clean sport "smile" photo-op to encourage interaction via social media.

O WEIGHTLIFTING JUNIOR NATIONALS AURORA, COLORADO

Interacted with more than 100 coaches, parents, and junior-elite athletes. A USADA staff member was available in the doping control station to answer questions while athletes waited to provide a sample.



O IAAF WORLD JUNIOR CHAMPIONSHIPS EUGENE, OREGON

TrueSport Ambassador Lauryn Williams joined USADA to promote the three TrueSport pillars: Clean Competition, Sportsmanship, and Peak Performance. More than 300 junior-elite athletes and 150 coaches visited the booth, many signing the co-branded USADA | TrueSport | IAAF banner – a highlight of the USADA/IAAF education collaborative effort.



ANDREW ELSASS (right) and JORDAN SAFFOLD (left) from USADA and ISAMEL ELKOSHT (center) from the IAAF pose for a picture with a banner containing the signatures of the clean sport supporters at the IAAF World Junior Championships. Collaborative events with our international partners strengthen the impact of the anti-doping movement.

OLYMPIC EDUCATION

International Involvement and Partnerships

The Olympic Education team hosted an education booth during the USOC
 OLYMPIC AND PARALYMPIC TEAM PROCESSING in Munich, Germany.
 Nearly all Team USA athletes received USADA trading pins and
 Sochi-specific materials which included reminders about filing and updating their whereabouts as well as checking the status of medications.



- LaDonna Reed, Olympic Education
 Specialist, represented USADA as a
 member of the WADA OUTREACH
 TEAM during the YOUTH OLYMPIC
 GAMES in Nanjing, China. She
 encouraged nearly 3,800 athletes and
 coaches to sign the WADA Play True/
 Say No to Doping pledge and complete
 the WADA PlayTrue Quiz.
- The Olympic Education team helped lead an NGB WORKSHOP preparing National Governing Bodies for the launch of the 2015 Code. The workshop included professional development speakers and opportunities to engage with USADA and share best practices.



Publications

- O The SPIRIT OF SPORT NEWSLETTER transitioned from a printed publication to a digital blog capturing information, news, and updates for those who value clean competition.
- The OLYMPIC EDUCATION TEAM provided publications and other materials that included information about anti-doping processes and responsibilities to athletes, athlete support personnel, and other constituents.



TrueSport Ambassadors, **JIMMY MOODY** (left) and **ERIN MIRABELLA** (right), spoke to NGB Workshop attendees sharing their perspectives on the role of USADA, NGBs, and the USOC with regard to supporting athletes through the anti-doping process.

Advantage Programs

○ ATHLETE'S ADVANTAGE

In 2014, **3,561** athletes completed Athlete's Advantage.



"It was a creative and helpful way of understanding the anti-doping process. With the different topics, slides, and voices, it grabbed my attention and made me eager to learn more about the process."

○ COACH'S ADVANTAGE

This program arms all National Team coaches with the latest anti-doping knowledge through a comprehensive online tutorial comprised of six video modules, covering information on the WADA Prohibited List, sample collection process, Therapeutic Use Exemptions, and athlete whereabouts responsibilities.

In 2014, **78** coaches completed Coach's Advantage.



____ T E S T I M O N I A L S -

"I learned some different things about important details I didn't know before." "I liked the short-and-to-the-point video style, visual aids, and smooth viewing process. I also like that there is one test at the end instead of multiple tests throughout."

○ HEALTHPRO ADVANTAGE

Dedicated to health and medical professionals, this online portal delivers practical, valuable, and directly applicable knowledge to help guide the work they do with high-performing athletes, ensuring success in anti-doping program compliance. Members of the USOC Olympic and Paralympic Games health and medical staff completed the USADA HealthPro Advantage[™] in preparation for the 2014 Sochi Winter Games.

7 HealthProAdvantage"



TRUESPORT[®] IS A KEY INITIATIVE powered by USADA, which seeks to ensure a positive youth sport experience by imparting the lessons of clean competition, sportsmanship, and peak performance; and focusing on the core values of courage, responsibility, integrity, teamwork, and respect. Through strategic partnerships and programming, TrueSport aims to ignite a movement that will equip young athletes with tools to be successful in life – make good decisions, avoid risky behaviors, and be

leaders in their community. In 2014, TrueSport programming reached more than
1.5 million families through a variety of vehicles, including the TrueSport
Deck Pass Partnership with USA Swimming, TrueSport Camps,
the Athlete Ambassador program, and website and social
media engagement.

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TrueSport Deck Pass



TrueSport and USA Swimming's Deck Pass partnership

influenced and encouraged young swimmers to win the right way through exciting activities in areas like teamwork, leadership, goal-setting, clean competition, and decision-making. In 2014, more than 400,000 Deck Pass users gained skills that will help them succeed both in and out of the pool.





Each TrueSport cam program utilized a

TRUESPORT CAMP PLAYBOOK, that outlined activities and lessons to be used with the various TrueSport pillars.

TrueSport Camps

TrueSport Camps aim to ensure a positive youth sport camp experience by incorporating TrueSport lessons within the camp's daily sessions. Based on TrueSport's three pillars, each lesson of the TrueSport Camp Playbook was supported by Olympic and Paralympic Athlete Ambassador videos and appearances at the camps. Camp attendees and coaches engaged in activities that reinforced the lessons in areas such as goal-setting, teamwork, nutrition, decision-making, perseverance, sportsmanship, preparation, and recovery. TrueSport Camps recognize that sport acts as a vehicle to teach life lessons and prepares young athletes for future success. Everyone wants to win, but TrueSport Camps remind young athletes that how you win matters.







USAVolley



PROGRAMS IN

TESTIMONIALS -

"Ogonna was a true inspiration."

"I loved the lessons because they were so hands-on."

"TrueSport made a positive impact on me because it helped me understand things I need to know as an athlete."

< **STATES**

TRUESPORT

Athlete Ambassadors

The TrueSport Athlete Ambassador program connects young people with elite athlete role models who answer questions, share their personal success stories, and provide guidance on overcoming challenges in sport and in life.

Whether through in-person visits, or via online engagement, TrueSport Athlete Ambassadors have a positive and long-lasting impact on young athletes. In 2014, the Athlete Ambassador Program consisted of 23 Olympic and Paralympic athletes who have competed in 11 Olympic Games and six Paralympic Games, accumulating a combined 31 gold, eight silver, and 10 bronze medals.

COMPETED IN:

OLYMPIC

GAMES



JANET EVANS shares tips on how to keep young athletes happy and healthy in one of many TrueSport Ambassador videos. View more TrueSport videos at <u>www.YouTube.com/</u> <u>TrueSportUSA</u>

PARALYMPIC

GAMES

2014 AMBASSADORS

- 1. KRISTIN Armstrong CYCLING
- 2. DEREK Arneaud PARALYMPIC SOCCER
- 3. JEREMIAH Bishop CYCLING
- 4. JANET Evans SWIMMING
- GABE Gardner INDOOR VOLLEYBALL
- 6. JOHN Godina TRACK & FIELD
- 7. ERIN Hamlin LUGE
- 8. APRIL Holmes PARALYMPIC TRACK & FIELD
- 9. SARAH Konrad BIATHLON & NORDIC SKIING
- 10. KELLY Lindsey SOCCER
- 11. JESSICA Long PARALYMPIC SWIMMING
- 2. STEVE Mesler BOBSLED
- 13. ERIN Mirabella CYCLING
- 14. JIMMY Moody FENCING
- 15. OGONNA Nnamani INDOOR VOLLEYBALL
- 16. AUGUSTO Perez PARALYMPIC NORDIC BIATHLON
- 17. BRADLEY Snyder PARALYMPIC SWIMMING
- 18. NICK Taylor WHEELCHAIR TENNIS
- 19. TREVOR Tierney LACROSSE
- 20. DEEDEE Trotter TRACK & FIELD
- 21. PETER Vanderkaay SWIMMING
- 22. KICKER Vencill SWIMMING
- 23. LAURYN Williams BOBSLED, TRACK & FIELD

HAVE EARNED A TOTAL OF 49 OLYMPIC & PARALYMPIC MEDALS:





73

OLYMPIC AND

AMBASSADORS:

PARALYMPIC ATHLETE



TESTIMONIALS

It is an honor to be selected as an Athlete Ambassador for TrueSport. TrueSport's message has the potential to transform the landscape of sports in our country. TrueSport's emphasis on leadership, sportsmanship, perseverance, and teamwork will not only contribute to the development of high level athletes but also excellent people.

Ogonna Nnamani
 2-time Olympian
 and silver medalist,
 Women's Indoor
 Volleyball



True Sport does such a great job with teaching a budding elite athlete what it takes to be great and live with great integrity and accountability.

- Lauryn Williams Olympic gold and silver medalist, and 1st American woman to medal in both the Summer and Winter Olympic Games

Ambassador **OGONNA NNAMANI** spoke to USA Volleyball campers about the importance of not only playing with integrity, but living with integrity as well.

TrueSport Social Media Spreads the Message in 2014

TrueSport experienced a growth of more than 400% across all of their social media channels.



FACEBOOK.COM/TRUESPORTUSA



@TRUESPORT



GROWTH / INCREASE on Instagram

@TRUESPORTUSA





YOUTUBE.COM/TRUESPORTUSA



Good science protects clean athletes. Anti-doping rules are established to safeguard the integrity of competition itself and protect athletes' health. USADA's expert scientists work closely with WADA-accredited laboratories in Salt Lake City, Utah, Los Angeles, California, and over 30 other locations around the world to develop and maintain reliable and fit-for-purpose analyses for prohibited substances and methods. Anti-doping science is a broad field that requires expertise in such diverse areas as instrumental analysis, clinical chemistry, biochemistry/physiology, and pharmacology. All of this expertise is required to competently manage results and integrate information collected in the field into strategic testing. Deterrence strategies that increase the athlete's perception of being caught through state-of-the-art detection methods and effective no-notice sample collection strategies are critical to protecting an athlete's right to clean sport.



Dietary Supplement Regulatory and Education Efforts

In 2014, USADA and the Uniformed Services University (Department of Defense) entered the second year of the joint dietary supplement testing program. The purpose of this program is to establish a baseline for the types of products that both athletes and service members are exposed to so that the risks can be assessed and education can be developed as necessary to help reduce those risks.

In 2014, the program tested over 150 sport supplements that could generally be considered performance-enhancing. Testing was conducted by NSF International against their standard screen for the "Certified for Sport" program. Prohibited substances were detected 75% of the time, and often, the label was inaccurate.

○ TEST RESULTS VERSUS THE LABEL



○ SUPPLEMENT 411

USADA's Supplement 411[®] program continues to play a key role in educating athletes on the issues surrounding the use of dietary supplements and how they can reduce their risk. The Supplement 411 High Risk List, which includes products that are considered to be of high risk to athletes and consumers, saw more than 37,000 visitors in 2014.



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Global DRO

Global Drug Reference Online (Global DRO) continues to serve as an important resource for athletes, athlete support personnel, and medical professionals, providing comprehensive information on the prohibited status of specific substances based on the World Anti-Doping Agency Prohibited List. Originally built in partnership with the Canadian Centre for Ethics in Sport and UK Anti-Doping, the Japan Anti-Doping Agency became an official licensee in 2013.

In 2014, Global DRO continued to be highly utilized, logging close to a half-million searches, both on desktop and mobile devices.

○ SEARCH VOLUME BY COUNTRY 2014

			\bigcirc	
USA	CANADA	UK	JAPAN	TOTAL
119,124	120,403	179,584	76,452	495,563
24%	24%	36%	16%	

Partnership for Clean Competition

PARTNERSHIP FOR **clean competition**

As an innovative research collaboration with Major League Baseball (MLB), the National Football League (NFL), and the United States Olympic Committee (USOC), USADA remains a committed member of the Partnership for Clean Competition (PCC).

- Research funded by the PCC has led to greater understanding of the detection of human chorionic gonadotropin (hCG) in doping.
 A paper published in *Clinical Chemistry* describes the development of an LC-MS/MS method capable of selectively detecting several hCG variants. The study was also able to clearly show that intact hCG was detectable for nine days after administration of two hCG formulations.
- The PCC received 41 grant and fellowship applications in 2014 and approved 15 of those applications.

- The PCC approved \$3,900,153 in funding for grants, fellowships, and working groups.
- The continued development of a test for growth hormone (GH) with a longer detection window was advanced by the development of an LC-MS/MS methods for insulin-like growth factor 1 (IGF-1). The bottom up method using homogenously labeled ¹⁵N-IGF-1 was developed by five laboratories working as a consortium, and was funded by the PCC. The inter-laboratory comparison manuscript was published in the peer reviewed journal, *Clinical Chemistry*.

Therapeutic Use Exemptions

If an athlete has a legitimate medical need to use a substance or method that is prohibited in sport, the Drug Reference team guides athletes and medical professionals through the process to apply for a Therapeutic Use Exemption (TUE).

○ TUE APPLICATIONS RECEIVED

SUBSTANCE	IF	USADA	TOTAL
Anabolic Agents	7	38	45
Beta Blockers	0	3	3
Beta-2 Agonists	8	26	34
Cannabinoids	1	0	1
Diuretics and other Masking Agents	5	25	30
Glucocorticoids	23	77	100
Hormone and Metabolic Modulators	8	18	26
Narcotics	8	25	33
Peptide Hormones, Growth Factors, and Related Substances	2	15	17
Permitted Medications	2	5	7
Prohibited Methods	7	2	9
Stimulants	35	126	161
TOTALS	106	360	466
DECISIONS	IF	USADA	TOTAL
Granted	64	211	275
Denied	7	35	42
Returned*	29	112	141
Pending	6	2	8
TOTAL	106	360	466

*Returned: A TUE application was returned to the athlete if the application was for a permitted medication, incomplete, withdrawn after submission, or not necessary.





status. The best way to do this is by using USADA's Global DRO service. Substances will fall into one of three categories:

a. Prohibited b. Not Prohibited c. Conditional





Apply for a TUE –

If necessary, apply for a TUE based on your competition level and therapeutic use of a prohibited substance or method.

Determine Your Competition Level -

After establishing that a substance is prohibited, athletes should determine their competition level, as this status further effects whether or not a TUE is required. Athletes will be in one of three categories:

- a. International
- b. National c. Non-National



Learn more at www.USADA.org/tue

Did You Know?

USADA played a key role in the revisions to the International Standard for TUEs and educating anti-doping experts at the 3rd WADA TUE Symposium in Paris, France October 23-24, 2014. USADA Board Treasurer Dr. Cheri Blauwet and Science Director Matthew Fedoruk, Ph.D. presented on TUEs for Paralympic athletes and USADA's TUE program, which leads the globe in the number of annual applications received and the size of its TUE Committee with 19 expert physicians.

13th Annual Symposium on Anti-Doping Science

Since 2002, USADA has hosted the annual USADA Symposium on Anti-Doping Science, which is a unique opportunity to present cutting-edge science and research, and to discuss refinements to testing, evaluation, and analysis systems in order to maximize both detection and deterrence. Among those invited to attend are anti-doping scientists, WADA-accredited laboratory directors, and representatives of national anti-doping and international sport organizations.

The 13th Annual Symposium on Anti-Doping Science, entitled "Stimulation of Erythropoiesis and O² Utilization," allowed participants to discuss the body's response to tissue hypoxia, a complex process involving both hematopoiesis and iron metabolism.

The symposium addressed a variety of approaches to increasing red blood cell mass and potential detection methods as well as EPO detection and intra-individual longitudinal monitoring.

Presentations and discussions took place October 3-6, in Phoenix, Arizona.



Scientific Publications

Through written articles and published research, the USADA Science team has consistently been a leader, sharing its anti-doping science and research expertise throughout the world.

 Counterpoint: the quest for clean competition in sports: deterrence and the role of detection. Bowers LD. Clin Chem. 2014 Oct;60(10):1279-81. doi: 10.1373/clinchem.2014.226175. Epub 2014 Jul 24.

The primary goal of an anti-doping program is to deter athletes from making the decision to use performance-enhancing drugs or methods, as well as catch the ones who violate the anti-doping rules. This article aims to explain the importance of the science behind deterrence and the advantages of developing a moral community that values clean competition.

 Adverse health consequences of performance-enhancing drugs: an Endocrine Society scientific statement. Pope HG Jr, Wood RI, Rogol A, Nyberg F, Bowers L, Bhasin S. Endocr Rev. 2014 Jun;35(3):341-75. doi: 10.1210/er.2013-1058. Epub 2013 Dec 17.

In recent times, the media focus has been on the use of performanceenhancing drugs (PEDs) by elite athletes. However, the use of PEDs is an important public health problem as a vast majority of PED users are non-athletes. This review article provides scientific information on the medical consequences and serious health risks associated with PED use. It also aims to identify gaps in knowledge, drawing the attention of the medical community and policymakers, such that public awareness on the topic can be raised.

COUNTRIES REPRESENTED

 Australia
 Austria
 Belgium
 Brazil
 Canada
 China
 Columbia
 Denmark
 Finland
 France
 Germany

 Greece
 India
 Ireland
 Italy
 Japan
 Kazakhstan
 New Zealand
 Netherlands
 Norway
 Poland
 Portugal

 Qatar
 Russia
 Serbia
 Singapore
 South Africa
 Spain
 Sweden
 Switzerland
 Thailand
 United Kingdom
 United States



A SAFE AND SECURE sample collection process is one of the most important pieces of an effective anti-doping program. From the strategic efforts used in developing an effective test distribution plan to the highly-trained Doping Control Officers out in the field, USADA places great pride in the practices we've implemented to ensure that the sample collection process runs as smoothly as possible not only for the athletes selected for testing, but for event organizers as well.



Testing & Athlete Services

USADA's Testing & Athlete Services team allocates resources for both in-competition (IC) and out-of-competition (OOC) testing, as well as pre-competition testing for major events, working closely with the Science and Results Management teams to create the most strategic test distribution plans.

In 2014, USADA's Testing & Athlete Services team strategically prepared for the implementation of the 2015 World Anti-Doping Code (Code). The 2015 Code was designed to even better protect the rights of clean athletes and the integrity of competition with a focus on targeting current issues in the fight against doping, while simultaneously being tougher for those who intentionally cheat and easier for those who follow the rules and compete clean.



2014 DOPING CONTROL TESTS

	Q1	Q2	Q3	Q4	TOTAL	
00C	1,307	1,689	1,528	1,768	6,292	→ 66% 00¢
IC	743	1,069	812	581	3,205	
TOTAL	2,050	2,753	2,340	2,349	9,497	



Individual athletes tested in 2014



Individual athletes in the Registered **Testing Pool in 2014**

The numbers presented here represent test sessions on U.S. athletes conducted under USADA's Olympic, Paralympic, Pan American, and Parapan American movements testing program, as well as those tests that are a part of USADA's contract testing services program.

Testing By Sport

Sport	00C	IC	Totals	Speedskating	134	51	185
American Football	2	0	2	Squash	20	0	20
Archery	18	26	44	Swimming	378	331	709
Badminton	6	4	10	Synchronized Swimming	17	0	17
Basketball	59	0	59	Table Tennis	8	6	14
Biathlon	33	89	122	Taekwondo	24	42	66
Bobsled & Skeleton	105	32	137	Team Handball	46	16	62
Bowling	22	0	22	Tennis	81	0	81
Boxing	32	28	60	Track & Field	1575	630	2205
Brazilian Jiu-Jitsu	0	10	10	Triathlon	693	223	916
Canoe & Kayak	28	61	89	Tug of War	5	4	9
Cheerleading	0	13	13	Volleyball	92	10	102
Curling	19	12	31	Water Polo	32	14	46
Cycling	849	605	1454	Water Skiing	22	0	22
Dance Sport	0	18	18	Weightlifting	161	193	354
Darts	0	8	8	Wrestling	88	62	150
Diving	23	22	45	Paralympic Alpine Skiing	27	6	33
Equestrian	3	8	11	Paralympic Archery	10	0	10
Fencing	17	20	37	Paralympic Basketball	41	0	41
Field Hockey	34	0	34	Paralympic Boccia	8	0	8
Figure Skating	33	33	66	Paralympic Curling	11	6	17
Gymnastics	94	69	163	Paralympic Cycling	43	0	43
Ice Hockey	77	0	77	Paralympic Equestrian	5	4	9
Judo	64	48	112	Paralympic Fencing	1	0	1
Karate	24	0	24	Paralympic Goalball	20	0	20
Kickboxing	1	0	1	Paralympic Judo	18	0	18
Lacrosse	9	12	21	Paralympic Nordic Skiing	5	0	5
Luge	37	22	59	Paralympic Powerlifting	11	10	21
Modern Pentathlon	9	10	19	Paralympic Rowing	14	6	20
Motocross	10	12	22	Paralympic Rugby	19	0	19
Powerlifting	0	39	39	Paralympic Sailing	9	0	9
Professional Boxing	262	53	315	Paralympic Shooting	4	4	8
Racquetball	16	4	20	Paralympic Sled Hockey	22	0	22
Roller Sports	10	16	26	Paralympic Snowboarding	14	4	18
Rowing	142	68	210	Paralympic Soccer	14	0	14
Rugby	131	0	131	Paralympic Swimming	30	12	42
Sailing	26	0	26	Paralympic Table Tennis	8	0	8
Shooting	41	85	126	Paralympic Tennis	15	0	15
Skiing & Snowboarding	190	102	292	Paralympic Track & Field	54	32	86
Soccer	31	0	31	Paralympic Triathlon	8	10	18
Softball	16	0	16	Paralympic Volleyball	31	0	31
Surfing	1	0	1	Totals	6292	3205	9497

ESTING Т

Global Services Testing

USADA's gold standard service programs continue to be in high demand with International Federations, other National Anti-Doping Organizations, third-party testing entities, and event organizers in support of global anti-doping efforts.

O USER-PAY TESTS - 2014

104 1,248 1,144 URINE BLOOD TOTAL IN-COMPETITION 1,851 1,013 838 URINE BLOOD TOTAL OUT-OF-COMPETITION IBU TOTAL: 2 \bigcirc BLOOD (\circ) URINE (\circ)

"The staff of USADA have been nothing but professional at all of our events. They display an unwavering commitment to athletic integrity for the sport of running and have always been willing to work hand-in-hand with us to help keep our sport clean." – PATRICE MATAMOROS, CEO, Pittsburgh Three Rivers Marathon, Inc.

NEW CLIENTS IN 2014: FEDERATION OF INTERNATIONA

PROGRAM FIRST:

CALIFORNIA, the entire field (OOC) testing that preceded the event in which riders were added to the USADA EPO, hGH, and other

TESTIMONIALS





USADA's Client Services team developed a dedicated web page at www.USADA.org/services that provides resources and educational materials for event organizers and athletes surrounding testing logistics. The website also serves as a portal for prospective clients (and athletes) to request more information about USADA and initiate testing program proposals. "The service provided by the U.S. Anti-Doping Agency at our World Championships in Aurora, Colorado was nothing short of exceptional – from our initial request to receive a proposal, to sample collection and results management – all services were conducted in a thorough and professional manner – simply perfect! As an organization, we were quite pleased with the outcome and will use USADA's services each time we have a World Championship in the United States. Thank you!" – *Robert Keller, Secretary General, International Powerlifting Federation*

Client Service Program Highlights

- USADA continued its contract with USA Cycling's (USAC) Race Clean Program, and participation increased from 10 Local Associations in 2013, to 18 Local Associations in 2014. In addition, 21 events were selected for testing from the USAC National Calendar, including Road, CycloCross, and Cross Country races.
- USADA was contracted to conduct comprehensive anti-doping programs for 15 fights in the sport of professional boxing, receiving program requests from Top Rank Promotions, Iron Mike Promotions, and Goldenboy Promotions.
- In 2014, USADA implemented the inaugural anti-doping program for the MX Sports Lucas Oil Motocross Championship Series. Through this program, pre-competition blood testing was implemented and testing took place at select events in the championship series.

T E S T I N G

Doping Control Officers

USADA Doping Control Officers (DCOs) are highly trained professionals who implement the international standards of sample collection and deliver on USADA's mission through their leadership in the doping control processes and their application of global innovation.



ABCD Brazil DCO Training

Having one of the best DCO programs in the world, USADA is often asked to provide consultation and comprehensive DCO education. In-field training, curriculum instruction and certification processes, and best practices for adhering to the polices and guidelines outlined in the International Standard for Testing and Investigations are common areas of focus.

In 2014, four members of USADA traveled to Rio de Janeiro, Brazil to train 60 potential DCOs in preparation for the 2016 Olympic Games.



From left to right: **GABE BAIDA**, USADA Sr. Operations Manager; **MARCO AURELIO KLEIN**, CEO of the Brazilian Anti-Doping Authority (ABCD); **MARTHA MARIA DALLARI**, ABCD Director of Institutional Relations; and **MIKE THOMPSON**, USADA DCO Operations Program Lead

DCO Program Highlights

\bigcirc DCO CONFERENCE

USADA hosted its biennial conference for DCOs titled, "It Begins with Me," September 12-14, in Dallas, Texas. In attendance were 48 DCOs along with four international guests. DCOs engaged in a number of presentations on topics including communicating with athletes in the field, perceptual deterrence, 2015 World Anti-Doping Code (Code) changes, and the importance of investigations.

○ TRAINING AND EVALUATION

The DCO Manual was updated in 2014 to incorporate the use of the USADA Paperless Sample Collection System[™] as well as changes from the 2015 Code into the protocols.

○ DCO REGIONAL TEAM LEADS (RTL)

USADA's RTL program is a key piece of USADA's efforts to ensure athletes have a safe and comfortable experience during the testing process. Over the past year, RTL's have played an important role in:

- a. Test assignment distribution
- b. DCO coaching and mentoring
- c. Communication with DCOs in their region





IN 2014, USADA CONTINUED its focus on tackling the sources and supply of drugs in sport by bringing cases against athlete support personnel who had provided performance-enhancing drugs to athletes under their care. USADA's continued emphasis on investigations and global cooperation between anti-doping agencies around the world is necessary to provide a fair playing field for all athletes.

- In April, a panel of three neutral arbitrators, who had heard evidence presented by USADA in a week-long hearing, sanctioned Johan Bruyneel (of Belgium), the former director of the U.S. Postal Service cycling team, with a ten-year period of ineligibility from sport. The same panel banned Spanish team doctor Luis Garcia del Moral and team trainer Jose Pepe Marti for eight years each.
- In August, USADA presented to a hearing panel evidence against Belgian doctor, Geert Leinders, a former team doctor and member of the board of directors of the Rabobank professional cycling team. The panel ultimately issued Leinders a lifetime period of ineligibility for his violations of numerous anti-doping rules.

 In December, an arbitration panel sanctioned former
 U.S. Olympic Track & Field Coach Jon Drummond with an eight-year period of ineligibility for administering and trafficking banned performance-enhancing drugs.

USADA announced a total of thirty-four sanctions in 2014, including four years' ineligibility for Mohamed Trafeh, an eight-time U.S. champion in distance running; a two-year period of ineligibility for former U.S. Open Wrestling champion Obenson Blanc; and a one-year period of ineligibility for former track & field 100 and 200 meter World Champion Tyson Gay.

Sanctions Announced in 2014

ADVERSE ANALYTICAL FINDINGS & OTHER POTENTIAL ANTI-DOPING RULE VIOLATIONS INITIATED IN 2014

POTENTIAL ANTI-DOPING RULE VIOLATIONS	74
Number of Cases Referred to International Federations	4
Number of Cases Initiated in 2014 Resulting in a Sanction	19
Number of Cases Resulting in No Violation	37
Number of Cases Pending at End of 2014	14

CLASSIFICATION OF POTENTIAL ANTI-DOPING RULE VIOLATIONS IN 2014

Anabolic Agents	12
Beta-2 Agonists	5
Diuretics and Other Masking Agents	10
Glucocorticosteroids	4
Hormone and Metabolic Modulators	1
Narcotics	1
Non-Analytical	17
Peptide Hormones, Growth Factors	
and Related Substances	1
Stimulants	23

Kristi Anderson	Track & Field	1-Year Suspension - Loss of Results	Dehydroepiandrosterone (DHEA)
Annie Atkinson	Judo	3-Month Suspension- Loss of Results	Hydrochlorothiazide, Chlorothiazide, Triamterene, and 4-hydroxytriamterene
Daniel Baker	Cycling	2-Year Suspension - Loss of Results	Exogenous Anabolic Androgenic Steroid / Adverse CIR
Hirut Beyene	Track & Field	4-Month Suspension - Loss of Results	Methylhexaneamine
Obenson Blanc	Wrestling	2-Year Suspension - Loss of Results	Ostarine
Johan Bruyneel	Cycling	10-Year Suspension	Non-Analytical: Trafficking and Administration of Prohibited Substances
Nikki Carlin	Weightlifting	2-Year Suspension - Loss of Results	Oxandrolone and Clenbuterol
Andrew Carnes	Track & Field	2-Year Suspension - Loss of Results	Non-Analytical: Use, Purchase and Possession of Erythropoietin (EPO)
Pedro Celaya Lazama	Cycling	8-Year Suspension	Non-Analytical: Possession and Administration of Prohibited Substances
Ryan Dana	Weightlifting	21-Month Suspension - Loss of Results	Dehydroepiandrosterone (DHEA)
Walter Davis	Track & Field	1-Year Suspension - Loss of Results	Non-Analytical: 3 Whereabouts Failures
Reginald Dixon	Track & Field	1-Year Suspension - Loss of Results	Non-Analytical: 3 Whereabouts Failures
Jon Drummond	Track & Field	8-Year Suspension	Non-Analytical: Possession, Trafficking, and Administration of Prohibited Substances
Sarah Erickson	Ice Hockey	1-Year Suspension - Loss of Results	Non-Analytical: 3 Whereabouts Failures
Braulio Estima	Brazilian Jiu-Jitsu	2-Year Suspension - Loss of Results	Methylhexaneamine
Tyson Gay	Track & Field	1-Year Suspension - Loss of Results	Exogenous Anabolic Androgenic Steroid / Adverse CIR
Jeremy Hicks	Track & Field	1-Year Suspension - Loss of Results	Non-Analytical: 3 Whereabouts Failures
Kevin Ives	Bobsled	1-Year Suspension - Loss of Results	Non-Analytical: 3 Whereabouts Failures
Paul Koon	Boxing	2-Year Suspension - Loss of Results	Non-Analytical: 3 Whereabouts Failures
Gabrielle Lemos Garcia	Brazillian Jiu-Jitsu	Loss of Results	Clomiphene
Logan Loader	Cycling	8-Month Suspension - Loss of Results	Methylhexaneamine
Cesar Marte	Cycling	2-Year Suspension - Loss of Results	Modafinil
Jose Pepe Marti	Cycling	8-Year Suspension	Non-Analytical: Possession, Trafficking, and Administration of Prohibited Substances
James Martin	Cycling	2-Year Suspension - Loss of Results	Non-Analytical: Failure to Appear
Inika McPherson	Track & Field	21-Month Suspension - Loss of Results	Benzoylecgonine (a metabolite of cocaine)
Shannon O'Keefe	Bowling	Public Warning	Clomiphene
Damian O'Hara	Judo	1-Year Suspension - Loss of Results	Methylclostebol and Promagnon
RaVaughn Perkins	Wrestling	6-Month Suspension - Loss of Results	Furosemide
Brett Perry	Speedskating	9-Month Suspension - Loss of Results	Methylphenidate - Ritalinic Acid
Todd Robertson	Cycling	8-Year Suspension - Loss of Results	Modafinil
Sarah Robles	Weightlifting	2-Year Suspension - Loss of Results	Exogenous Anabolic Androgenic Steroid / Adverse CIR
Wallace Spearmon, Jr.	Track & Field	3-Month Suspension - Loss of Results	Methylprednisolone
Mohamed Trafeh	Track & Field	4-Year Suspension - Loss of Results	Non-Analytical: Use and Possession of Erythropoietin (EPO) and Evading Sample Collection
Nick Trojan	Rowing	9-Month Suspension - Loss of Results	Methylphenidate - Ritalinic Acid



STRONG COLLABORATIONS with our National Anti-Doping Organization counterparts around the world assist in promoting best practices to better protect clean sport and clean athletes, as well as implementing effective and state-of-the-art anti-doping programs. As a leader in the anti-doping movement, USADA uses its experience and expertise to develop innovative technologies and world-class service programs to increase efficiency and effectiveness within its areas of focus. USADA values the opportunity to share these well-developed programs and technological advancements with international partners in the global anti-doping movement. Currently, innovative technologies created by USADA are utilized by:

- Japan Anti-Doping Agency (JADA)

U.K. Anti-Doping (UKAD)



- Canadian Centre for Ethics in Sport (CCES)
- Irish Sports Council



Anti-Doping Switerland (ADCH)



Drug-Free Sport New Zealand (DFSNZ)

International Doping Tests & Management (IDTM)



PARTNER SPOTLIGHT



International Partnership with Anti-Doping Switzerland

The unique partnership between USADA and Anti-Doping Switzerland was designed to further the sharing of information and intelligence between the two organizations. The partnership includes providing reciprocal learning exchanges and creating joint educational initiatives to share science and research knowledge. In addition, the two organizations will continue to collaborate on the further development of anti-doping software and applications, such as Chronos, the USADA Paperless Sample Collection System, and the Simon database management system.

RIGHT: **DR. MATTHEW FEDORUK** spoke at the JADA Global DRO seminar for Pharmacists in Tokyo Japan. Fedoruk illustrated the value of providing education to health professionals as they play a vital role in protecting clean athletes. FAR RIGHT: The meeting between USADA's CEO **TRAVIS T. TYGART** and Science Director **DR. MATTHEW FEDORUK** and the Japan Anti-Doping Agency.



Joint Cooperative Efforts with the Japan Anti-Doping Agency

In 2014, the Japan Anti-Doping Agency (JADA) invited USADA to meet at their headquarters to deepen their anti-doping partnership and create further opportunities for cooperation and sharing of expertise. The two organizations discussed the topic of longitudinal data collection and the biological passport program; future developments for the Global DRO Japan program; and the importance of intelligence and investigations in successfully detecting and deterring doping in sport.

In 2013, Japan became the first licensee of Global DRO to use a non-Roman alphabet language. In 2014, Dr. Matthew Fedoruk was invited to be the keynote speaker at JADA's Global DRO seminar, which was the first opportunity for Japanese sports pharmacists to hear how other Global DRO partners had developed it as a part of their anti-doping program. Dr. Fedoruk spoke on the increasing need for close cooperation between the medical and anti-doping communities in order to best protect clean athletes and sport.



Paperless

The USADA Paperless Sample Collection System[™] (Paperless) is a state-of-the-art sample collection system that allows Doping Control Officers to seamlessly collect and transmit completed test mission data to their test management databases. It provides real-time documentation of completed doping control tests to the athletes, laboratories, and the appropriate anti-doping organization. World-wide, more than 15,000 tests have been completed using the Paperless system.



USADA has been in collaboration with the World Anti-Doping Agency to further implement the Paperless system, potentially making it available to anti-doping organizations worldwide.

Simon



Since 2005, Simon has been an effective tool for managing USADA's day-to-day responsibilities including whereabouts filings, whereabouts failures, the doping control process, results management, Therapeutic Use Exemptions, and Doping Control Officer assignments. USADA continues to partner with anti-doping organizations around the world on the use of the Simon database management system.

In 2015, ongoing technology enhancements were implemented, including:

- A paperless functionality on the USADA Clearinghouse for the Therapeutic Use Exemption (TUE) Committee and their review of TUEs.
- Improvements to the doping control area to accommodate the changes brought forth from the implementation of the 2015 World Anti-Doping Code, International Standards, and technical documents.
- Additional functionality applied to the educational module, DCO feedback forms, and whereabouts failures components to increase efficiency.





Paperless tests decreased shipment costs to IFs/NADOs by



Chronos

Chronos[™] is an interactive, scientific application created by USADA that allows users to track, review, plot, and analyze data from both urine and blood sample collections. It provides an informative strategy to identify and interpret changes in an athlete's physiology and biochemistry which may be the result of a prohibited substance or method abuse. The program gives detailed sample collection information, including athlete timelines, summary tables with statistical function, and searchable athlete monitoring lists. The main goal of Chronos is to help staff within Anti-Doping Organizations function better in the expedited identification, sharing, and evaluation of biological data contained in an athlete's longitudinal data set. This type of data allows for the tracking of relevant internal information and ongoing commentary to benefit future test planning, special analysis, and results case management.



○ USADA CHRONOS 2014 SUMMARY

URINE			В	BLOOD		
SAMPLES	URINE	AVERAGE URINE SAMPLES PER ATHLETE DATA SET	BLOOD	AVERAGE BLOOD SAMPLES PER ATHLETE DATA SET	TOTAL SAMPLES	TOTAL AVERAGE SAMPLES PER ATHLETE DATA SET
Total Samples Analyzed in Chronos	44,736	3.6	5,333	3.3	50,069	3.9
Samples Analyzed in 2014	7,451	2.8	1,476	4.3	8,927	3.2
					UNIQUE ATHLETE DATA SET TOTAL	TOTAL
Total Athletes Data Sets in Chronos	12,509		1,610		12,896	14,119
With Samples Collected in 2014	2,713		340		2,795	3,053



Around the world, USADA is proud and honored to have the opportunity to work with many domestic and international partners, participating in the advancement of the anti-doping movement, sharing expertise, leadership, and enhanced technologies to improve harmonization and coordination of global anti-doping efforts.

In addition to guest speakers and visits from other Anti-Doping Organizations hosted at the USADA home office, the events listed here represent a sampling of the collaborative efforts in which USADA participated in 2014.



- Department of Defense Subcommittee on Dietary Supplements Washington, D.C.
 DR. AMY EICHNER
- iNADO Prevention & Education Conference Lausanne, Switzerland
 JENNIFER DODD
- WADA Anti-Doping Organization Symposium: Conducting an Investigation from a Practical Point of View - Lausanne, Switzerland – WILLIAM BOCK, III AND DR. MATTHEW FEDORUK (attendee)
- C Leaders Sport Summit 2014 London, United Kingdom TRAVIS T. TYGART AND ANNIE SKINNER
- Athlete Advisory Council Meeting: "Protecting Clean Sport: Working Together" San Diego, CA – DR. LARRY BOWERS
- Council of Europe Meeting Paris, France GABRIEL BAIDA AND JOHN FROTHINGHAM
- WADA hGH Working Group Meeting London, United Kingdom DR. LARRY BOWERS
- USADA Doping Control Officer Conference: "It Begins With Me" Dallas, Texas
- O Santa Clara Ethics in Sport Santa Clara, California TRAVIS T. TYGART
- German National Anti-Doping Agency Workshop: Anti-Doping Work in the Past and Today – Bonn, Germany – TRAVIS T. TYGART
- Korean Anti-Doping Agency Anti-Doping Seminar in Asia: Practical Implementation of Revised World Anti-Doping Code and Effective Testing – Seoul, Korea – MOLLY TOMLONOVIC
2014 USADA ANNUAL REPORT



THE USADA COMMUNICATIONS TEAM focuses on internal and external communications including managing the organization's websites, publications, public relations, stakeholder communications, and media relations. USADA continues to be a strong leader and a powerful voice in the public anti-doping conversation, and has been featured in the news media discussing topics including anti-doping science, supplement safety, testing and adjudication, ethics in sport, and the broader role anti-doping plays in protecting the future of sport.



C O M M U N I C A T I O N S

Media





Website

The USADA website (www.USADA.org) underwent a major redesign and content overhaul in the first and second quarters of 2014 in order to enhance user experience, increase responsiveness for mobile and tablet users, provide easier search capability, and allow greater flexibility in regularly updating content and visual elements.



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HIGH-INTEREST TOPICS:

- 1. Effects of PEDs
- 2. Supplements
- 3. Nutrition
- 4. Sanctions
- 5. Athlete resources including whereabouts, Therapeutic Use Exemptions, sample collection process, and the status of medications.



Social Media

In 2014, USADA made a concentrated effort to utilize the organization's social media platforms to increase engagement with external stakeholders and provide the information stakeholders need and want through several social media channels. That effort resulted in a substantial increase in the number of people reached via Facebook, Twitter, LinkedIn, and YouTube.

- 2,606 PAGE LIKES

(Increase of 313 from the end of 2013)

- 317,146 IMPRESSIONS
- 190,632 PEOPLE REACHED

- 9,939 FOLLOWERS

(up 1,056 from the end of 2013)

- 854,577 IMPRESSIONS
- 15,535 ENGAGEMENTS

USADA uses LinkedIn as a valuable tool to PROMOTE
 JOB OPPORTUNITIES within the organization and
 HIGHLIGHT THE CULTURE OF THE WORKPLACE.
 It's also a great resource to SHARE PROFESSIONAL
 NEWS with those who follow USADA and want to stay
 up-to-date on the latest in anti-doping technology and
 science.

USADA (basebioping

In #2015Code, athletes may receive 4-year ban for 1st offense of prohibited substance/method. usada.org/2015code







1,208 6 8 Interactions 1,6% engagemen Sponsor update
Like (7) + Comment - 4 months ago

#cleansport



\bigcirc SOCIAL MEDIA SHOUT OUTS

Great mtg w/ #Olympics champion Edwin Moses &
 @usantidoping CEO Travis Tygart – they do remarkable work

#ICompeteClean

- SENATOR JOHN MCCAIN
- Love using the Global DRO app to make sure my cold medicine choices don't put me in a bad spot. Thx
 @usantidoping for making it easy
- *@usantidoping@truesport* thanks for always fighting to keep the field of play fair for all! *#Cleansport #icompeteclean #zerotolerance*
- Got my first *@usantidoping* wake up call this morning!
 Excited to do my part to help keep sport clean.

NDEPENDENT



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, 2014 and 2013, and the related statements of activities 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 controls 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 controls. 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 the Agency as of December 31, 2014 and 2013, 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.

SUPPLEMENTARY INFORMATION

Our audit was conducted for the purpose of forming an opinion on the 2014 financial statements as a whole. The accompanying supplementary information including the Agency budget report and the schedule of expenditures of federal awards required by U.S. Office of Management and Budget Circular A-133, Audits of States, Local Governments, and Non-Profit Organizations, 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 2014 financial statements.

The information has been subjected to the auditing procedures applied in the audit of the 2014 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 2014 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 March 18, 2015, on our consideration of the Agency's internal controls over financial reporting and 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 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.LIP

Colorado Springs, Colorado March 18, 2015

Statements of Financial Position

December 31, 2014 and 2013

SSETS	2014	2013
Current Assets	0	0
Cash and cash equivalents	\$ 4,356,089	\$ 5,301,030
Investments	1,534,807	1,532,902
Accounts receivable, net of allowance; 2014 – \$27,847 and 2013 – \$23,484	745,847	693,131
Supplies	83,837	108,154
Prepaid expenses and other	311,203	214,669
Total current assets	7,031,783	7,849,886
Property and Equipment–Net Accumulated Depriciation and Amortization 2014–\$1,547,097 and 2013–\$1,547,230	51,422	93,376
Total assets	\$ 7,083, 205	\$ 7,943,262
IABILITIES AND NET ASSETS		
Current Liabilities		
Accounts payable and other accrued liabilities	\$ 1,135,337	\$ 1,141,740
Deferred revenue	43,383	24,250
Total current liabilities	1,178,720	1,165,990
Unrestricted Net Assets		
Undesignated	4,970,887	5,386,979
Board-designated	933,598	1,390,293
-		
Total unrestricted net assets	5,904,485	6,777,272

See Notes to Financial Statements

Statements of Activities

Years Ended December 31, 2014 and 2013

	2014	2013
Revenues, Grants and Other Support		
Federal grants	\$ 8,750,000	\$ 8,555,34
United States Olympic Committee (USOC) contractural agreement	3,606,000	3,606,00
Investment return	3,705	39,83
Income from third parties	2,607,073	1,890,36
Total revenues, grants and other support	14,966,778	14,091,53
Expenses		
Program expenses		
Testing services	8,075,193	7,386,14
Results management	1,848,869	1,639,10
Science, research and development and drug reference	2,259,337	2,005,92
Education and awareness	2,903,788	2,473,03
General and adminstrative	752,378	, 765,07
Total expenses	15,839,565	14,269,27
Change in Net Assets	(872,787)	(177,743
Net Assets, Beginning of Year	6,777,272	6,955,01
Net Assets, End of Year	\$ 5,904,485	\$ 6,777,27

See Notes to Financial Statements

Statements of Cash Flows

Years Ended December 31, 2014 and 2013

	2014	2013
Operating Activities		
Change in net assets	\$ (872,787)	\$ (177,743)
Items not requiring (providing) cash		
Depreciation and amortization	61,905	74,888
Net realized and unrealized losses (gains)	23,280	(24,553)
Bad debt expense	5,272	9,551
Changes in		
Accounts receivable	(57,988)	723,013
Supplies	24,317	(13,789)
Prepaid expenses and other	(96,534)	(10,505)
Accounts payable and other accrued liabilities	(6,403)	249,341
Deferred revenue		. (11,125)
Net cash provided by (used in) operating activities	(899,805)	
Investing Activities		
Purchases of equipment	(19,951)	(10,000)
Net purchases of investments	(25,185)	(13,083)
Net cash used in investing activities	(45,136)	(23,083
ncrease (Decrease) in Cash and Cash Equivalents	(944,941)	795,995
Cash and Cash Equivalents, Beginning of Year	5,301,030	4,505,035
Cash and Cash Equivalents, Beginning of Year	\$ 4,356,089	\$ 5,301,030

See 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 and Paralympic athletes. 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 Equivalents

The Agency considers all liquid investments with original maturities of three months or less to be cash equivalents. As of December 31, 2014 and 2013, cash equivalents consisted primarily of money market accounts with brokers.

At December 31, 2014, the Agency's cash accounts exceeded federally insured limits by approximately \$4,171,000.

Investments and Investment Return

Investments in equity securities having a readily determinable fair value and all debt securities are carried at fair value. Other investments are valued at the lower of cost (or fair value at time of donation, if acquired by contribution) or fair value. 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.

Accounts Receivable

Accounts receivable are stated at the amount billed to customers. The Agency provides an allowance for doubtful accounts, which is based upon a review of outstanding receivables, historical collection information and existing economic conditions. Accounts receivable are

ordinarily due 30 days after the issuance of the invoice. Delinquent receivables are written-off based on individual credit evaluation and specific circumstances of the customer.

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 market.

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 purpose or period.

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.

Income from Third Parties

The Agency performs various doping tests for third parties. Fees are billed and payable after services are rendered. Revenue is recognized when the services are performed.

Functional Allocation of Expenses

The costs of supporting the various programs and other activities have been summarized on a functional basis in the statements of activities. Certain costs have been allocated among the program and general and administrative categories based on management's estimates.

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.

The Agency files tax returns in the U.S. federal jurisdiction. With a few exceptions, the Agency is no longer subject to U.S. federal examinations by tax authorities for years before 2011.

Subsequent Events

Subsequent events have been evaluated through the date of the Independent Auditor's Report, which is the date the financial statements were available to be issued.

NOTE 2:

INVESTMENTS

Investments at December 31 consist of:

	2014	2013
Cash held by Broker	\$ 13,609	\$ 26,288
Equity mutual funds		
Large-cap equities	156,038	125,999
International equities	129,296	84,237
Small- and mid-cap equities	16,470	19,299
Multi-strategy	144,477	44,288
Other mutual funds		
Fixed income bonds	965,569	1,034,544
Commodities	47,204	134,200
Real estate	62,144	64,047
	\$ 1,534,807	\$ 1,532,902

2014

2012

Total investment return (including interest income on cash and cash equivalents) is comprised of the following:

			2013	
Interest and dividend income	\$	26,985	\$	15,280
Net realized and unrealized gains and (losses)			
on investments reported at fair value		(23,280)		24,553
	\$	3,705	\$	39,833

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

Recurring Measurements

The following table presents 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, 2014 and 2013:

	2014					
		Fair Value Measurements Using				
	Fair Value	Quoted Prices in Active Markets for Identical Assets (Level 1)	Significa Other Observal Inputs (Level 2	ole	Unobse	ficant ervable outs el 3)
Equity mutual funds						
Large-cap	\$ 156,038	\$ 156,038	\$	_	\$	_
International	129,296	129,296		_		-
Small- and mid-cap	16,470	16,470		_		-
Multi-strategy	144,477	144,477		_		-
Other mutual funds						
Fixed-income bonds	965,569	965,569		_		-
Commodities	47,204	47,204		_		-
Real estate	62,144	62,144		-		-

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2014

INDEPENDENT AUDITOR'S REPORT

	2013				
٩		Fair Value Measurements Using			
	Fair Value	Quoted Prices in Active Markets for Identical Assets (Level 1)	Significant Other Observable Inputs (Level 2)	Significa Unobserv Inputs (Level 3	able s
Equity mutual funds					
Large-cap	\$ 125,999	\$ 125,999	\$ –	\$	-
International	84,237	84,237	-		-
Small- and mid-cap	19,299	19,299	-		_
Multi-strategy	44,288	44,288	-		-
Other mutual funds					
Fixed-income bonds	1,034,544	1,034,544	-		-
Commodities	134,200	134,200	-		-
Real estate	64,047	64,047	-		_

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, 2014 and 2013.

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:

PROPERTY AND EQUIPMENT

Property and equipment at December 31 consists of:

		2013
Computer equipment and software	\$ 446,089	\$ 488,176
Furniture, fixtures and office equipment	81,384	81,384
Leasehold improvements	9,826	9,826
Website development	245,926	245,926
Lab equipment	815,294	815,294
	1,598,519	1,640,606
Less accumulated depreciation and amortization	(1,547,097)	(1,547,230)
Total property and equipment, net	\$ 51,422	\$ 93,376

2014

2013

NOTE 5:

BOARD-DESIGNATED NET ASSETS – UNRESTRICTED

The Board has designated net assets for the following purposes:

	•	2014	2013		
Research	\$	433,598	\$	640,293	
Contingencies		500,000		750,000	
	\$	933,598	\$ 1	1,390,293	

NOTE 6:

USOC CONTRACT

The Agency has an agreement with the United States Olympic Committee (USOC) through December 31, 2016, to conduct a drug testing and anti-doping program for athletes in the Olympic, Paralympic and Pan American Games. Support funded by the USOC is recognized as the Agency performs the contracted services. Revenue received from the USOC for the years ended December 31, 2014 and 2013 was \$3,606,000, of which \$216,755 and \$246,927 was included in accounts receivable at December 31, 2014 and 2013, 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), the USOC agrees to directly pay all arbitration

NOTES TO FINANCIAL STATEMENTS

expenses incurred by these entities up to \$500,000. This amount is included in the total annual contract. During 2014 and 2013, the USOC directly paid arbitration costs to these entities of \$283,245 and \$260,212, respectively. The balance not paid to these entities will be remitted to the Agency.

NOTE 7:

OPERATING LEASES

Noncancellable operating leases for office space and office equipment expire in various years through 2017.

Future minimum lease payments at December 31, 2014 were:

2015	\$	445,480	
2016		436,943	
2017	•	408,487	
	\$ 1	,290,910	

Rental expense for all operating leases consisted of \$448,296 and \$454,798 for the years ended December 31, 2014 and 2013, respectively.

NOTE 8:

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 \$277,770 and \$252,531 for the years ended December 31, 2014 and 2013, respectively.

NOTE 9:

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 83% of its support during 2014 and 86% of its support in 2013 from two organizations. As discussed in Note 6, the Agency has a contract with the USOC (one of the two major organizations) through 2016.

Long-term Lease

The Agency, as lessor, entered into a long-term lease with UCLA Olympic Analytical Laboratory (UCLA). Under the terms of this lease, the Agency will lease a piece of equipment with an original cost of \$698,695 and now fully depreciated, to UCLA from June 8, 2010 through April 11, 2020, at an annual rent of \$0. UCLA 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.

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 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.

Supplementary information available upon request.





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