

U.S. Anti-Doping Agency



ANNUAL REPORT





2010

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### A LETTER FROM THE CEO AND CHAIRMAN

In some ways it seems as if we have just gotten started and in some ways it is as if we have always been here. The reality is that in 2010, we reached the milestone of ten years as an entity dedicated to upholding the integrity of competition and championing clean sport. On October 1, 2010, USADA celebrated its tenth anniversary as the anti-doping authority for the Olympic and Paralympic Movement in the United States. It was an extremely proud and rewarding moment in our history.

In ten years, we have had the opportunity to assist clean athletes as they prepare for and participate in the Olympic Games, including Sydney in 2000 as we formed our agency, followed by Salt Lake City in 2002, Athens in 2004, Torino in 2006, Beijing in 2008, and Vancouver in 2010. In each of these, we have been privileged to not only execute our anti-doping program for our U.S. teams in the run-up to the Games, but also contribute to critical Games-time anti-doping initiatives, such as serving as official Independent Observers of the doping control operations and Athlete Outreach representatives with WADA. It was an honor to recognize our ten-year anniversary amidst the excitement of an Olympic year.

2010 brought advancement and innovation for USADA. This included conducting an anti-doping program for the professional boxing match between Floyd Mayweather, Jr. and Shane Mosley, an office move to new facilities, good-byes to long-standing members of the Board and a welcome to a new member, and the passing of the baton to a new Chair. 2010 also saw the launch of an important collaborative initiative, *Supplement Safety Now,* created by USADA to effect positive change in dietary supplement industry regulation.

Amidst the activity of an Olympic year and other "firsts" and milestones, the staff skillfully managed a number of major programs during the year:

- > structural changes to the testing and resources division,
- > enhanced doping control processes through development of a paperless system and other initiatives,
- hosting a DCO conference as well as the annual ANADO conference and our 9th Annual Symposium on Anti-Doping Science,
- preparing athletes for the first Youth Olympic Games,
- conducting training sessions with other national anti-doping organizations,
- > attending and addressing international anti-doping meetings and conferences, and
- > managing a multitude of outreach education initiatives.

All of our efforts in 2010 continued to be focused on fulfilling the goals of the Game Plan 2012 strategic plan: 1) continue and enhance our position as a strong and influential partner and voice in the anti-doping community, 2) expand our influence in the scientific community, 3) build client-focused teams accountable for providing exceptional service, and 4) inspire a commitment to the core principles of true sport.

Everyone at USADA remains dedicated to embodying the organization's core values of courage, respect, integrity, teamwork, and responsibility, and on the core mission we keep in our sights every day – preserving the integrity of competition, protecting the rights of clean athletes to compete healthy and clean, and inspiring true sport.

On behalf of USADA's Board and staff, we would like to extend a personal and sincere thank you to Dr. Ralph Hale and Evelyn Ashford who both served on USADA's Board of Directors for a number of years, and who retired their posts in the fall of 2010. Dr. Hale, as Board Chair, provided unparalleled guidance and leadership, and Evelyn's unique perspectives as a decorated Olympian have been invaluable. Both have contributed great insight, friendship and unwavering dedication to their fellow Board members and to the organization, as well as consistent support for the mission and goals.

While good-byes are not easy, the Board Chair baton passes into prepared and enthusiastic hands, and we also welcome the inimitable Olympic track and field champion, Edwin Moses, to the Board.

The next ten years are indeed looking bright for clean athletes, the integrity of competition, and USADA.

Travis T. Tygart
Chief Executive Officer

Lawrence S. Brown, Jr., M.D., M.P.H., FASAM Chair, USADA Board of Directors

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### BOARD OF DIRECTORS

Chaired by Dr. Ralph W. Hale through September 2010, the USADA Board of Directors is a group of experienced, professional, and principled individuals, offering a well-rounded and diverse perspective in concert with USADA's strong and talented staff.

USADA wishes to extend heartfelt thanks to Dr. Ralph Hale and Evelyn Ashford, who on the occasion of their retirement from the USADA Board of Directors in 2010 and after many years of dedicated service, have left a lasting legacy of commitment to clean sport.

It was with great respect and thanks that USADA welcomed Dr. Lawrence S. Brown to the position of Board Chair in October 2010, as well as new Board member, gold-medalist Edwin Moses.



The Executive Vice President of the American College of Obstetricians and Gynecologists, Hale became the USADA Board Chair in April 2003 after serving as Vice Chair since 2000. He was a member of the U.S. delegation staff at four Olympic Games (1988, 1992, 1994 and 1996) and served on the United States Olympic Committee Board of Directors for 16 years as a representative of U.S. Water Polo. Hale was also Chef de Mission for the United States at the 1996 Olympic Games in Atlanta. His extensive work in international sport includes serving as a member of the U.S./USSR Anti-Doping Commission (1989-92) and as a USOC Vice President (1993-96).

LAWRENCE S. Brown Jr., M.D., M.P.H., FASAM, CHAIR (BEGINNING OCTOBER 2010)

A physician-researcher with training in internal medicine, neuroendocrinology and addiction medicine, Dr. Brown is Executive Senior Vice President at the Urban Resources Institute and the Addiction Research and Treatment Corp. in Brooklyn, NY. With over 100 peer-reviewed publications and presentations nationally and internationally, he has appointments as Visiting Physician at Rockefeller Hospital and Clinical Assistant Professor of Public Health of the Weill Medical College at Cornell University. Dr. Brown has served on advisory committees of the Food and Drug Administration, the Substance Abuse and Mental Health Services Administration and several institutes of the National Institutes of Health, and provides consultation to a host of local, state, and federal government and private agencies. He also serves as a medical advisor to the National Football League.

### RICHARD W. COHEN, M.D., VICE CHAIR

Cohen became Vice Chair of the USADA Board in April 2003. He is a former member of the Doping Control Commission for both USA Weightlifting and the U.S. Bobsled and Skeleton Federation, and chaired the Atlanta Committee for the Olympic Games Doping Control Commission. Cohen is an orthopedic surgeon, and is a Medical Director and chair of both the Ethics Committee and the Adult Total Joint Restoration program at the Wellstar Health System in Atlanta. In addition he is a surveyor for The Joint Commission for Accreditation of Hospitals.

### ANNETTE SALMEEN, PH.D., SECRETARY

Salmeen captured a Gold medal in the 800m freestyle relay as a member of the 1996 U.S. Olympic Swimming Team. Earlier that year, as co-captain of the women's swim team at the University of California, Los Angeles (UCLA), she became the NCAA champion in the women's 200m butterfly and received UCLA's Outstanding Female Athlete award. Salmeen's accomplishments earned her an additional prestigious honor in 1996, the NCAA Top VIII Award, presented to only eight NCAA student athletes annually for excellence in academics and athletics. Salmeen graduated with honors from UCLA in 1997 and completed her doctorate in biochemistry as a Rhodes Scholar at Oxford University in 2011.















A graduate of UCLA Law School, Axelrod is an attorney specializing in sports, entertainment and business law. His client roster includes athletes Michelle Kwan, Rich Aurilia, Jeff Bagwell, Craig Biggio, Matt Clement, Jake Peavy, Bill Walton, and Phil Nevin; broadcasters Rick Sutcliffe, Mark Grace and Wally Joyner; and entertainers Mark Harmon and Pam Dawber.

### EVELYN ASHFORD (THROUGH SEPTEMBER 2010)



One of the greatest female sprinters in track and field history, Ashford was a member of the Gold medal-winning 4x100m relay at the 1984, 1988 and 1992 Olympic Games, and earned a Gold and a Silver in the 1984 and 1988 Olympic Games, respectively, in the 100 meters. Also a member of the 1976 U.S. Olympic Team, Ashford was the top-ranked sprinter in the world on four occasions and number-one ranked American seven times. She was a two-time world record holder in the 100 meters, a member of 15 U.S. national teams and won 19 national titles, including six indoors. Ashford was inducted into the Track & Field Hall of Fame in 1997 and was among the Class of 2006 inductees to the U.S. Olympic Hall of Fame.

### JEAN FOURCROY, M.D., PH.D., M.P.H.



A urologist and retired medical officer with the Food and Drug Administration in the Division of Clinical Laboratory Devices, Fourcroy is regarded as an expert on the subject of anabolic steroids, androgens, and their alternatives. A noted clinician, researcher, and scientist, Fourcroy has worked extensively on the development of regulatory and educational formats, both domestically and abroad, with the U.S. Drug Enforcement Administration. In 2008, Fourcroy also edited *Pharmacology, Doping and Sports— A Scientific Guide for Athletes, Coaches, Physicians, Scientists and Administrators.* 

### DONALD L. GAMBRIL



Elected to the USADA Board in May 2006, Gambril served as the head coach for the 1984 U.S. Olympic Swimming Team and was an assistant coach for the sport's 1968, 1972, 1976 and 1980 U.S. Olympians. A swimming coach for more than 35 years, he started his career at the high school level and compiled a 350-60 record as a collegiate coach during stints at Pasadena City College, Long Beach State, Harvard and Alabama (270-49). In 1990, Gambril retired from collegiate coaching and became an assistant athletic director at the University of Alabama. He retired from that position in 1996, but has continued to teach at the university.

### ANDREW MECCA, DR.PH, M.P.H.



Prior to assuming his current position as President of the California Mentor Foundation, Mecca held several posts with the state of California, including Drug Czar (1991-98), Chair of the Governor's Policy Council on Drug and Alcohol Abuse, and Chair of the California Commission on Improving Life Through Service. An accomplished triathlete and marathoner, he has assisted in the development of programs designed to curb substance abuse in more than 15 countries.



Dr. Larry Brown thanks and recognizes Dr. Ralph Hale for his dedication as long-time Board Chair at USADA's 10th Anniversary celebration



Board members together for USADA's 10th Anniversary celebration

### EDWIN C. Moses, Sc.D HC (BEGINNING OCTOBER 2010)



Moses won Olympic Gold medals in 1976 and 1984, three World Cup titles, two World Championships and broke the world record four times as a 400-meter hurdler. As a qualified physicist with an MBA degree, he pioneered the development of policies against the use of performance-enhancing drugs while chairman of the United States Olympic Committee's substance abuse, research and education committee (CSARE). Moses served the International Olympic Committee as a member of the Athletes Commission, Medical Commission and Ethics Commission as well as on the Athletes Advisory and Executive Committees of the USOC.

He is Chairman of The Laureus World Sports Academy, an association of sporting legends, which uses the positive influence of sport as a tool for social change around the globe. Edwin attended Morehouse College, B.S. Physics; Pepperdine University, MBA; and received the degree of Doctor of Science, honoris causa, from University of Massachusetts, Boston.

### CARL SWENSON



An outstanding competitor in both cross country skiing and mountain biking, Swenson joined the USADA Board in October 2007. A three-time Olympic team member (1994, 2002, and 2006) he was captain of the ski team in each of the latter two years. A national champion in mountain biking in 2000, he represented the U.S. in five World Championships and won a silver medal in the 1999 Pan-American Games. Swenson earned his J.D. from the University of Utah and is now an attorney with the New Hampshire Public Defender in Dover, NH.

### USADA EXECUTIVE STAFF

### TRAVIS T. TYGART, CHIEF EXECUTIVE OFFICER



Travis T. Tygart joined USADA in October 2002 as Director of Legal Affairs. In October 2004, he became Senior Managing Director, General Counsel, overseeing all legal and communication matters for USADA, including adjudication of alleged doping offenses in arbitration before the American Arbitration Association and the Court of Arbitration for Sport. Tygart was involved with drafting the USADA Protocol for Olympic Movement Testing and directed USADA's efforts in its BALCO investigation that led to the discovery of tetrahydrogestrinone (THG) and resulted, to date, in 25 cases. He has been an expert presenter in the United States and internationally at numerous conferences and symposiums, and has testified in Congress on numerous occasions on anti-doping and supplement industry issues.

Prior to joining USADA, Tygart was an attorney in the sports law practice group at Holme, Roberts and Owen, LLP in Colorado Springs, Colorado. While at HRO, Travis worked with individual athletes and several sport entities, including the United States Olympic Committee, USA Basketball and USA Swimming. Tygart graduated from the University of North Carolina with a bachelor's degree in philosophy and earned his J.D. from Southern Methodist University, graduating Order of the Coif.

### LARRY BOWERS, PH.D., CHIEF SCIENCE OFFICER



Larry Bowers is Chief Science Officer of USADA, with responsibility for providing scientific support for USADA's programs in research, sample collection planning, result management, arbitration, and education. He has organized the USADA Annual Science Symposium since 2002 with the invaluable assistance of members of the Science Department. He also serves as Chairman of the Scientific Advisory Board for the Partnership for Clean Competition. He was 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.

Bowers received his A.B. in chemistry from Franklin & Marshall College and his Ph.D. in analytical chemistry from the University of Georgia. Following a postdoctoral fellowship in clinical chemistry/ forensic toxicology at the University of Oregon Health Sciences Center, he joined the faculty of the Department of Laboratory Medicine and Pathology at the University of Minnesota. After 18 years at Minnesota, Bowers moved to Indiana University Department of Pathology and Laboratory Medicine to direct the IOC-accredited Athletic Drug Testing and Toxicology Laboratory. While there, he was a member of the senior laboratory staff at the 1996 Olympic Games and the 1998 Pan American Games.

Bowers is a member of the Drug Testing Advisory Board of the U.S. Department of Health and Human Services Substance Abuse and Mental Health Services Administration, a member of the Food and Drug Administration Medical Devices Advisory Committee, a member of the WADA Laboratory Accreditation Working Group, and serves in an advisory capacity to numerous other national and international drug testing organizations. He has published more than 100 papers, book chapters, and books, most in the areas of analytical toxicology and drug metabolism, and was Associate Editor (Drug Testing and Toxicology) for the journal Clinical Chemistry.

### JOHN FROTHINGHAM, SENIOR MANAGING DIRECTOR, OPERATIONS



John Frothingham joined USADA in March 2008 and brings more than 20 years of financial and business operations experience for a variety of for-profit and non-profit organizations. As Senior Managing Director, Operations, for USADA, John is responsible for managing the Olympic, Sport Testing and Resources, Science, and Information Technology divisions of the organization.

Prior to joining USADA, John was the Chief Operating Officer of Carmichael Training Systems, Inc. (CTS) a company offering hands-on endurance coaching and performance testing services. As part of the senior leadership team, Frothingham was responsible for developing long-term strategic plans and exploring joint venture opportunities as well as managing the financial, information technology and regional center operations. During his tenure, CTS more than doubled its training camp and performance testing offerings and expanded from its corporate headquarters in Colorado Springs, Colorado, to training centers in Asheville, North Carolina, and Tucson, Arizona.

Previous to this, Frothingham held positions with Transaction System Architects (TSA), USA Swimming, Inc. and Price Waterhouse Coopers. Frothingham is a Certified Public Accountant and holds a Master of Science degree in Taxation and a Bachelors degree in Accounting.

### USADA SENIOR STAFF



WILLIAM BOCK III, GENERAL COUNSEL



SANDI BRIGGS, CPA, BUSINESS AFFAIRS AND FINANCE DIRECTOR



DANIEL
EICHNER, PH.D.,
SCIENCE
DIRECTOR



ERIN HANNAN, COMMUNICATIONS AND OUTREACH DIRECTOR



ANDREW K.
MORRISON,
SPORT TESTING
AND RESOURCES
DIRECTOR



STEPHEN
STARKS,
LEGAL AFFAIRS
DIRECTOR

### USADA ADDRESSES KEY EVENTS IN 2010



Senator McCain Press Conference

### FEBRUARY:

- Press Conference with Senator John McCain, Dietary Supplement Legislation Announcement, Washington, DC – Travis T. Tygart
- Joint Commission on Sports Medicine & Science Annual Meeting, Charlotte, NC

   Daniel Eichner, Ph.D.
- Mass Spectrometry: Applications to the Clinical Lab (MSACL) Conference, San Diego, CA

   Larry Bowers, Ph.D.
- Vancouver Winter Olympic Games, WADA Athlete Outreach, Vancouver, BC, Canada
   Erin Hannan
- Focus on the Future Trends and Strategy Forum, Phoenix, AZ Travis T. Tygart
- > Tackling Doping in Sport 2010, London, UK Travis T. Tygart

### MARCH:

Partnership for Clean Competition - 2010 Conference "The Science Behind Anti-Doping," New York, NY – Travis T. Tygart and Larry Bowers, Ph.D.

#### APRIL:

- 9th Oxford International Conference on Science of Botanicals (ICSB), University of Mississippi – Daniel Eichner, Ph.D.
- > Supply Side East Dietary Supplement Ingredient Trade Show, Secaucus, NJ Amy Eichner, Ph.D.
- > Alfred University Department of Chemistry, Scholes Lecture, Rochester, NY Larry Bowers, Ph.D.

#### May:

American Society for Mass Spectrometry (ASMS) Annual Conference, Salt Lake City, UT
 Larry Bowers, Ph.D.

### JUNE:

Nevada State Athletic Commission Hearing, "Review of Protocol for Steroid/Drug Testing and Disciplinary Matters," Las Vegas, NV – *Travis T. Tygart and Larry Bowers, Ph.D.* 

### JULY:

- American Association of Clinical Chemistry (AACC) Annual Meeting, Anaheim, CA

   Larry Bowers, Ph.D.
- > Country of Sports Forum, INTERPOL and WADA, Moscow, Russia Travis T. Tygart

### **S**EPTEMBER:

Federation International Volleyball (FIVB) Medical Seminar, Santo Domingo, Dominican Republic – LaDonna Reed and Theresa Reynolds

### OCTOBER:

- Commonwealth Games XIX, WADA Independent Observer Committee, Delhi, India
   Stephen Starks
- Supply Side West Dietary Supplement Ingredient Trade Show, Las Vegas, NV

   Travis T. Tygart
- USADA 9th Annual Symposium on Anti-Doping Science, Lansdowne, VA

   Larry Bowers, Ph.D. and Daniel Eichner, Ph.D.

### NOVEMBER:

- Annual ANADO Workshop, hosted by USADA, Colorado Springs, CO
   Travis T. Tygart, Larry Bowers, Ph.D., Daniel Eichner, Ph.D., and Andrew K. Morrison
- USA Cycling Medicine of Cycling Conference, "Anti-Doping and the Biological Passport," Colorado Springs, CO *Travis T. Tygart and Larry Bowers, Ph.D.*



FINA Bureau Meeting, "Anti-Doping in 2010: The View from a NADO," Dubai, UAE – Larry Bowers, Ph.D. and William Bock, III



WADA Athlete Outreach – Vancouver



USADA Symposium on Anti-Doping Science

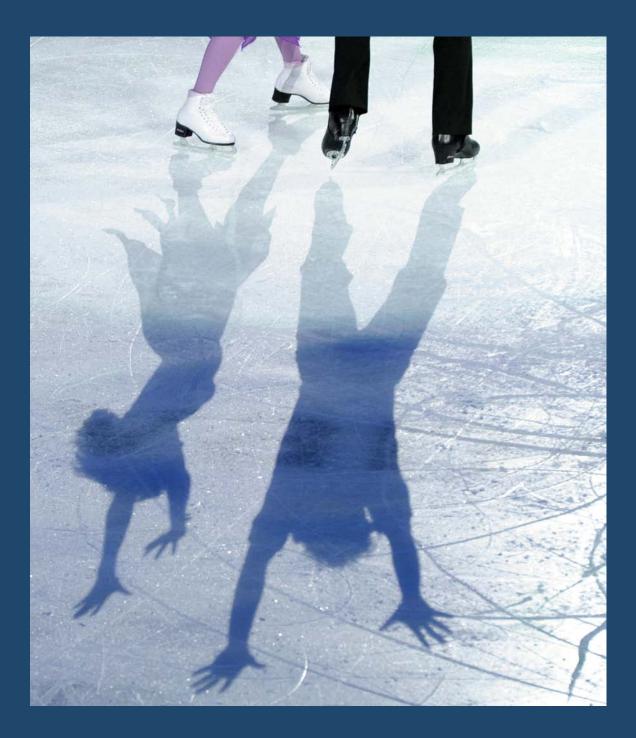


FIVB Medical Seminar



Commonwealth Games XIX – India

In order to carry out USADA's goal of building client-focused teams accountable for providing exceptional service, the Olympic Division encompasses a team structure, aligned by sport, and focused on outstanding customer service. Individuals within the Olympic Division are responsible for completing all objectives of the United States Olympic Committee (USOC) contract to the best ability of the organization. The Olympic Division is broken up into four teams: Sportfolio Teams, Olympic Education, Drug Reference, and Sport Testing and Resources, which are dedicated to carrying out USADA's test planning, athlete education initiatives, and sample collection program.



### SPORTFOLIO - SPORT-FOCUSED TESTING MANAGEMENT

The Sportfolio teams serve as a liaison between USADA and the National Governing Bodies (NGBs) to ensure that the USADA Registered Testing Pool (RTP) is updated, in-competition tests are conducted at specified events, and that pertinent USADA information is communicated. In this role, Sportfolio staff assist with the communication to athletes in the USADA RTP and are available for questions on USADA policies and processes such as the USADA online account and Whereabouts filings.

The Sportfolio teams are responsible for the operation of USADA's test planning and administration program, including both in-competition and out-of-competition testing. Sports are divided amongst staff members, and it is this group's responsibility to ensure that all elements of the test distribution plan are executed. This includes year-round organization of in-and out-of-competition sample collection for all RTP athletes, as well as Olympic Games pre-competition and contract testing.

### VANCOUVER WINTER OLYMPIC AND PARALYMPIC PRE-COMPETITION TESTING



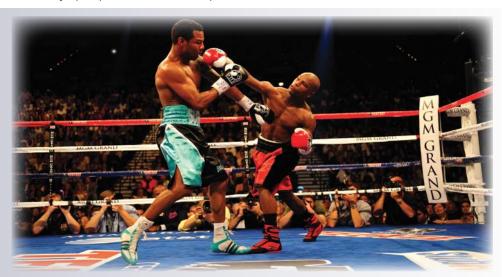
The 2010 testing statistics include testing for all of the U.S. athletes participating in the 2010 Vancouver winter Olympic and Paralympic Games. Ensuring that each possible U.S. Team member was tested at least once within 150 days of the start of the Games, the Sportfolio teams worked closely with the Results Management team, the laboratories, NGBs, and the USOC in order to ensure samples were collected and results reported in the lead-up to the commencement of the Games.

### MAYWEATHER VS. MOSLEY PROFESSIONAL BOXING ANTI-DOPING PROGRAM

For the first time in history, athletes from the professional sport of boxing reached out to USADA for an Olympic-style drug testing program. Floyd Mayweather, Jr. and Shane Mosley were subject to World Anti-Doping Code-compliant drug testing from March 2010 throughout their bout on May 1, 2010. Sample collections for both blood and urine were conducted at the athletes' training locations, as they prepared for *Mayweather vs. Mosley "Who R U Picking?"* 

Each athlete was tested a total of eight times by USADA, with seven of the sample collections occurring with no advance notice leading up to the fight, and the eighth occurring immediately following the bout. All eight of each athlete's USADA sample collections included urine, and four collections for each of the boxers also included blood samples.

The success of this program set an important precedent for anti-doping efforts in the sport of boxing, and gave participants and fans confidence that professional sport can have the level of integrity that Olympic and Paralympic sport have come to represent.



### REGISTERED TESTING POOL - A NEW STRUCTURE

On January 1, 2009, the World Anti-Doping Agency (WADA) instituted changes to both the World Anti-Doping Code (Code) and the International Standard for Testing (IST), which required, among other changes, that all athletes in an RTP provide a specified 60-minute time slot in their Whereabouts filings, for each day of the year. After implementing the changes, USADA conducted a thorough analysis of the new requirements mandated by the Code and IST. The analysis included a survey of all U.S. RTP athletes in order to gauge how the new requirements affected them.

USADA also participated in a series of meetings held in London, England where officials from anti-doping organizations around the world met to explore specific Whereabouts requirements, discuss the impact, as well as worldwide adoption of the changes. After completing this analysis, USADA along with members of the USOC Athletes' Advisory Council (AAC), met with representatives from WADA in Montreal, Canada to discuss the results and recommend modifications and clarifications to the rules.

Based on the results of this analysis and with WADA approval, in 2010 USADA developed a two-pool system to take effect on January 1, 2011 which greatly reduces the administrative burden on a majority of the athletes in the RTP. This process and analysis undertaken by USADA was approached with a commitment to securing athlete input related to policies and procedures that affect their daily lives and responsibilities.

### **TESTING STATISTICS**



USADA performed a total of 8,031 doping control tests in 2010. Of those tests, 6,736 were domestic tests and 1,295 were tests administered on U.S. and non-U.S. athletes in the United States on behalf of other anti-doping and sports organizations.

Out-of-competition (OOC) testing accounted for 5,341 (67%) of the total domestic testing number. Of these, USADA was contracted to provide doping control services for 849 OOC tests on behalf of various

anti-doping and sports organizations. OOC testing typically occurs at the athlete's home, training facility or other locations and is performed with no advance notice to the athlete; however, some OOC tests are coordinated during team training camps.

In-competition (IC) tests conducted at 134 competitions throughout the U.S. accounted for 2,690 (33%) of the total domestic testing numbers for 2010. Of these, USADA was contracted to provide doping control for 446 contract tests at 58 sport events throughout the United States.

### 2010 Testing – Quarterly Breakdown

Tests	Q1	Q2	Q3	Q4	Total
00C	1,434	1,539	1,135	1,233	5,341
IC	436	1,023	799	432	2,690
Total	1,870	2,562	1,934	1,665	8,031

### 2010 TESTING STATISTICS - BY SPORT

	OOC TOTAL	IN COMP TOTAL	TOTAL TESTS
Archery	10	16	26
Badminton	3	8	11
Baseball	7	0	7
Basketball	28	0	28
Biathlon	30	25	55
Bobsled & Skeleton	151	0	151
Bowling	12	0	12
Boxing	96	35	131
Bridge	0	8	8
Canoe & Kayak	80	32	112
Cheerleading	0	12	12
Climbing	0	2	2
Curling	8	12	20
Cycling	614	328	942
Dance Sport	0	24	24
Diving	21	50	71
Equestrian	14	33	47
Fencing	16	6	22
Field Hockey	16	8	24
Figure Skating	68	38	106
Football	0	4	4
Gymnastics	82	35	117
Ice Hockey	120	11	131
Judo	82	48	130
Karate	11	0	11
Luge	49	12	61
Modern Pentathlon	5	4	9
Power Boat	0	5	5
Racquetball	6	0	6
Roller Sports	36	16	52
Rowing	234	57	291
Rugby	53	8	61
Sailing	21	20	41
Shooting	44	35	79
Skateboarding	0	4	4
Skiing & Snowboarding	301	128	429
Soccer	62	0	62
Softball	33	0	33
Speedskating	190	42	232

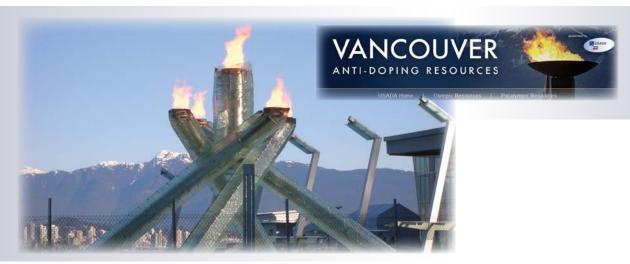
Squash         4         0         4           Supercross         0         3         3           Swimming         489         312         801           Synchronized Swimming         18         19         37           Table Tennis         3         6         9           Taekwondo         31         32         63           Team Handball         11         20         31           Tennis         5         0         5           Track & Field         1139         606         1745           Triathlon         318         269         587           Volleyball         85         21         106           Water Polo         38         19         57           Water Skiing         13         0         13           Weightlifting         200         136         336           Wrestling         198         63         261           Paralympic Alpine Skiing         26         6         32           Paralympic Basketball         16         6         22           Paralympic Basketball         16         6         22           Paralympic Equestrian         2		OOC TOTAL	IN COMP TOTAL	TOTAL TESTS
Swimming         489         312         801           Synchronized Swimming         18         19         37           Table Tennis         3         6         9           Taekwondo         31         32         63           Team Handball         11         20         31           Tennis         5         0         5           Track & Field         1139         606         1745           Triathlon         318         269         587           Volleyball         85         21         106           Water Polo         38         19         57           Water Skiing         13         0         13           Weightlifting         200         136         336           Wrestling         198         63         261           Paralympic Alpine Skiing         26         6         32           Paralympic Archery         8         0         8           Paralympic Basketball         16         6         22           Paralympic Boccia         0         0         0           Paralympic Cycling         16         16         32           Paralympic Goalball	Squash	4	0	4
Synchronized Swimming         18         19         37           Table Tennis         3         6         9           Taekwondo         31         32         63           Team Handball         11         20         31           Tennis         5         0         5           Track & Field         1139         606         1745           Triathlon         318         269         587           Volleyball         85         21         106           Water Polo         38         19         57           Water Skiing         13         0         13           Weightlifting         200         136         336           Wrestling         198         63         261           Paralympic Alpine Skiing         26         6         32           Paralympic Alpine Skiing         26         6         32           Paralympic Alpine Skiing         26         6         32           Paralympic Basketball         16         6         22           Paralympic Boccia         0         0         0           Paralympic Cycling         16         16         32           Paralympic G	Supercross	0	3	3
Table Tennis         3         6         9           Taekwondo         31         32         63           Team Handball         11         20         31           Tennis         5         0         5           Track & Field         1139         606         1745           Triathlon         318         269         587           Volleyball         85         21         106           Water Polo         38         19         57           Water Skiing         13         0         13           Weightlifting         200         136         336           Wrestling         198         63         261           Paralympic Alpine Skiing         26         6         32           Paralympic Alpine Skiing         26         6         32           Paralympic Basketball         16         6         22           Paralympic Basketball         16         6         22           Paralympic Boccia         0         0         0           Paralympic Cycling         16         16         32           Paralympic Equestrian         2         3         5           Paralympic Nordic	Swimming	489	312	801
Taekwondo         31         32         63           Team Handball         11         20         31           Tennis         5         0         5           Track & Field         1139         606         1745           Triathlon         318         269         587           Volleyball         85         21         106           Water Polo         38         19         57           Water Skiing         13         0         13           Weightlifting         200         136         336           Wrestling         198         63         261           Paralympic Alpine Skiing         26         6         32           Paralympic Alpine Skiing         26         6         32           Paralympic Archery         8         0         8           Paralympic Basketball         16         6         22           Paralympic Basketball         16         6         22           Paralympic Boccia         0         0         0           Paralympic Cycling         16         16         32           Paralympic Equestrian         2         3         5           Paralympic F	Synchronized Swimming	18	19	37
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Track & Field         1139         606         1745           Triathlon         318         269         587           Volleyball         85         21         106           Water Polo         38         19         57           Water Skiing         13         0         13           Weightlifting         200         136         336           Wrestling         198         63         261           Paralympic Alpine Skiing         26         6         32           Paralympic Archery         8         0         8           Paralympic Basketball         16         6         22           Paralympic Basketball         16         6         22           Paralympic Boccia         0         0         0           Paralympic Boccia         0         0         0           Paralympic Equestrian         2         3         5           Paralympic Fencing         3         0         3           Paralympic Goalball         8         0         8           Paralympic Nordic Skiing         5         7         12           Paralympic Rowing         6         0         6           <	Team Handball	11	20	31
Triathlon         318         269         587           Volleyball         85         21         106           Water Polo         38         19         57           Water Skiing         13         0         13           Weightlifting         200         136         336           Wrestling         198         63         261           Paralympic Alpine Skiing         26         6         32           Paralympic Archery         8         0         8           Paralympic Basketball         16         6         22           Paralympic Boccia         0         0         0           Paralympic Boccia         0         0         0           Paralympic Cycling         16         16         32           Paralympic Equestrian         2         3         5           Paralympic Fencing         3         0         3           Paralympic Goalball         8         0         8           Paralympic Nordic Skiing         5         7         12           Paralympic Powerlifting         2         8         10           Paralympic Rugby         20         0         20	Tennis	5	0	5
Volleyball         85         21         106           Water Polo         38         19         57           Water Skiing         13         0         13           Weightlifting         200         136         336           Wrestling         198         63         261           Paralympic Alpine Skiing         26         6         32           Paralympic Alpine Skiing         26         6         32           Paralympic Archery         8         0         8           Paralympic Basketball         16         6         22           Paralympic Boccia         0         0         0           Paralympic Boccia         0         0         0           Paralympic Cycling         16         16         32           Paralympic Equestrian         2         3         5           Paralympic Fencing         3         0         3           Paralympic Goalball         8         0         8           Paralympic Nordic Skiing         5         7         12           Paralympic Rowing         6         0         6           Paralympic Rowing         6         0         6	Track & Field	1139	606	1745
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Water Skiing         13         0         13           Weightlifting         200         136         336           Wrestling         198         63         261           Paralympic Alpine Skiing         26         6         32           Paralympic Archery         8         0         8           Paralympic Basketball         16         6         22           Paralympic Boccia         0         0         0           Paralympic Curling         4         0         4           Paralympic Cycling         16         16         32           Paralympic Equestrian         2         3         5           Paralympic Fencing         3         0         3           Paralympic Goalball         8         0         8           Paralympic Nordic Skiing         5         7         12           Paralympic Powerlifting         2         8         10           Paralympic Rugby         20         0         20           Paralympic Sailing         9         0         9           Paralympic Shooting         2         4         6           Paralympic Swimming         33         25         58 <td>Volleyball</td> <td>85</td> <td>21</td> <td>106</td>	Volleyball	85	21	106
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Paralympic Sled Hockey         17         0         17           Paralympic Soccer         21         0         21           Paralympic Swimming         33         25         58           Paralympic Table Tennis         1         0         1           Paralympic Tennis         11         0         11           Paralympic Track & Field         38         25         63           Paralympic Volleyball         35         10         45	Paralympic Sailing	9	0	9
Paralympic Soccer21021Paralympic Swimming332558Paralympic Table Tennis101Paralympic Tennis11011Paralympic Track & Field382563Paralympic Volleyball351045	Paralympic Shooting	2	4	6
Paralympic Swimming 33 25 58  Paralympic Table Tennis 1 0 1  Paralympic Tennis 11 0 11  Paralympic Track & Field 38 25 63  Paralympic Volleyball 35 10 45	Paralympic Sled Hockey	17	0	17
Paralympic Table Tennis101Paralympic Tennis11011Paralympic Track & Field382563Paralympic Volleyball351045	Paralympic Soccer	21	0	21
Paralympic Tennis 11 0 11  Paralympic Track & Field 38 25 63  Paralympic Volleyball 35 10 45	Paralympic Swimming	33	25	58
Paralympic Track & Field 38 25 63 Paralympic Volleyball 35 10 45	Paralympic Table Tennis	1	0	1
Paralympic Volleyball 35 10 45	Paralympic Tennis	11	0	11
	Paralympic Track & Field	38	25	63
Totals 5341 2690 8031	Paralympic Volleyball	35	10	45
	Totals	5341	2690	8031

### OLYMPIC EDUCATION

The Olympic Education team is dedicated to imparting true sport – which instills the values of fair play, sportsmanship, integrity, and ethics – and informing athletes subject to the anti-doping program of their rights and responsibilities. The team's principal focus is to enhance the athlete experience through initiatives such as presentations, educational publications, online education – specifically Athlete's Advantage – and through the designated athlete portal on the USADA website.

The Olympic Education team works primarily with the National Governing Bodies (NGBs) to coordinate and facilitate formal education presentations for the USADA Registered Testing Pool (RTP) athletes at training camps, the Olympic Training Centers, and other venues or informal settings. The USADA formal education presentations primarily focus on anti-doping topics such as Whereabouts, the Prohibited List, the sample collection process, drug reference resources, and Therapeutic Use Exemptions. The presentations stress the importance of competing clean, the health consequences of taking performance-enhancing drugs, making positive ethical choices, and acting as role models for future generations.

In Olympic years, as part of the preparations in advance of the Olympic and Paralympic Games, anti-doping rules and requirements specific to the Games competition period are published. The USADA Olympic Education team arms Olympians and Paralympians with ample resources and educational materials to aid in their preparation for the Games. This is true for other major international competitions, such as the Youth Olympic Games, also held in 2010 in Singapore.



### VANCOUVER 2010 OLYMPIC AND PARALYMPIC ANTI-DOPING EDUCATION

The Olympic Education team prepared a comprehensive education plan in order to educate the athletes and athlete support personnel about anti-doping rules specifically established for the 2010 winter Olympic and Paralympic athletes. Planning for the 2010 Games education began in 2009, with implementation taking place in the lead-up to the Games in early 2010.

The Olympic Education team created a micro-site, www.USADA.org/Vancouver that housed anti-doping links specific to the Games and showcased educational documents that were applicable during the period of the Games. A mobile application was launched and made available to the athletes and athlete support personnel who wanted expeditious and accessible information. The team also provided face-to-face presentations, occupied a table at the Paralympic team processing to directly answer questions prior to the Paralympic Games, sent e-mail correspondence to the Games participants, hosted webinars to educate athlete support personnel and team leaders, and made direct phone calls to ensure that athletes were aware of their anti-doping responsibilities specific to the Games.

To expand availability during the period of the Games, the Olympic Education team activated a 24-hour emergency phone line for athletes and athlete support personnel to reach a USADA representative in urgent situations.

### SINGAPORE YOUTH OLYMPIC GAMES ANTI-DOPING EDUCATION

From August 14-26, 2010, Singapore hosted the inaugural Youth Olympic Games and for many United States athletes, it was their first time participating in a large, global sporting event. Drug testing, as part of the global fight for clean sport, was a part of the Youth Olympic Games and USADA utilized many different avenues to educate the athletes who were going to be drug tested, most likely, for the first time. The Olympic Education team created a doping control pamphlet that simplified the blood and urine collection process, illustrated to be resonant with the age level of the athletes. USADA, in collaboration with the USOC, sent a clean sport bag filled with educational publications, and promotional items, hosted educational webinars, provided formal presentations, and were available to answer any anti-doping related guestions.





### Presentations and Publications

In 2010, the Olympic Education team reached more than 6,500 athletes and athlete support personnel through face-to-face presentations, webinars, outreach events, material distribution, and other events. Education was provided to over 1,200 RTP athletes, who are subject to drug testing at any time and at any location. As new athletes entered the RTP, they received communication through webinars, phone calls, and anti-doping publications to ensure that all athletes were aware of their anti-doping responsibilities. The team placed a priority on educating athletes who were not seen in prior years as well as those who compete in sports where doping may be especially prevalent. Through collaboration with the Outreach team to provide anti-doping education at events and presentations, the team shared the importance of competing clean, while also inspiring participants to make a commitment to the core principles of true sport.

In support of the testing program for the professional boxing event between Floyd Mayweather, Jr. and Shane Mosley, Olympic Education provided comprehensive, in-person education, stressing the importance of providing Whereabouts, ensuring that no prohibited substance or method was ingested, covering the TUE application process, and thoroughly reviewing the blood and urine collection process.



In 2010, the team revised publications and other mass media materials to inform athletes and athlete support personnel about anti-doping processes and responsibilities. The team created a blood collection slide show displayed on the USADA website, www.USADA.org/Blood, which provides a pictorial step-by-step process of the blood collection procedures. The Athlete Pocket Guide, a quick summary reference document of anti-doping processes and responsibilities, was revised to include the 2010 Prohibited List changes. The Athlete Handbook, a comprehensive publication providing detailed information about the Prohibited List, doping control procedures, sample collection process, and results management, was also revised to include updates and changes to policies and procedures.

Olympic Education continued to keep athletes, athlete support personnel, and those concerned about clean sport, aware of anti-doping news through the periodic Spirit of Sport newsletter, available in print as well as online in a virtual book format on the USADA website, www.USADA.org/Spirit-of-Sport.





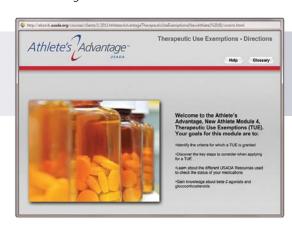
### ATHLETE'S ADVANTAGE - AN ONLINE EDUCATION INITIATIVE

Athlete's Advantage, an online educational tutorial created for RTP athletes, is a mandatory requirement under the USOC National Anti-Doping Policies. The interactive tutorial introduces and reinforces athlete responsibilities and facilitates maximum understanding and compliance under the World Anti-Doping Code and the International Standard for Testing. Each year, the Olympic Education team enhances and updates the tutorial content and features, incorporating athlete feedback.

In 2010, USADA created two distinct courses; one for new athletes entering the RTP and one for returning RTP athletes. The returning athlete course was brief and provided 2011 policy updates such as changes to the Prohibited List, Whereabouts, the sample collection process, and Therapeutic Use Exemptions, while the new athlete course was comprehensive and all-inclusive. Videos, graphics, and text informed athletes of pertinent information, while quizzes challenged their comprehension according to the content discussed in each module.

Athlete's Advantage comprised four modules:

- The Prohibited List
- Whereabouts
- Sample Collection Process
- Therapeutic Use Exemptions (TUEs)



### DRUG REFERENCE

The Drug Reference team provides three key services: management of Therapeutic Use Exemptions, live coverage of the Drug Reference phone line, and oversight of the Global Drug Reference Online (www.GlobalDRO.com). All three services are dedicated to helping U.S. athletes understand the Prohibited List and how the Prohibited List applies to them, as well as helping them determine if medications they are using contain prohibited substances. In the event a necessary medication contains an otherwise prohibited substance, the Drug Reference department helps athletes obtain a Therapeutic Use Exemption for the use of the medication in sport.

### THERAPEUTIC USE EXEMPTIONS

The graphs and tables below describe the volume and nature of inquiries to the Drug Reference department, and the volume and nature of Therapeutic Use Exemption (TUE) applications.

TUE APPLICATIONS RECEIVED (GROUPED BY SUBSTANCE AND AUTHORITY)

Substance	IF	USADA	Total
Anabolic Agents	3	37	40
Beta-2 Agonists	36	100	136
Diuretics	0	12	12
Glucocorticosteroids	28	54	82
Hormones	4	42	46
IV	1	1	2
Cannabinoids	0	2	2
Narcotics	10	12	22
Permitted Substances	4	8	12
Stimulants	35	89	124
Platelet Rich Plasma	2	0	2
Unknown (Incomplete forms)	2	3	5
Grand Total	125	360	485

### TUE APPLICATIONS PROCESSED (GROUPED ACCORDING TO OUTCOME AND GRANTING AUTHORITY)

Outcome	IF	USADA	Total
TUEs Granted	49	106	155
No Action*	45	87	132
TUEs Denied	7	36	43
Returned	19	130	149
Decision Pending	5	1	6
Total	125	360	485

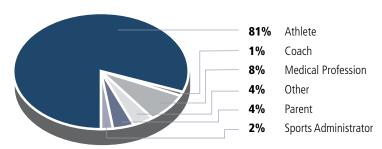
<sup>\*</sup>A TUE application would have required No Action if the application was for a permitted medication, if the medication only required a Declaration of Use, or if the athlete was not required to obtain a TUE because of his or her competition level.



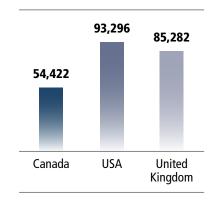
### GLOBAL DRO

USADA's Drug Reference Online (DRO), developed by USADA and expanded in partnership with the Canadian Centre for Ethics in Sport (CCES) and UK Anti-Doping (UKAD), to become a global drug reference, is a major step forward in providing U.S. athletes with critical information about the contents of their medications. The graphs and tables below describe the volume and nature of searches on USA GlobalDRO in 2010.

### USA GLOBALDRO USERS



### Number of Unique Searches on Global DRO – Total 233,000



### TOP TWENTY SEARCHES ON USA GLOBALDRO

1.	Creatine
2.	Sudafed
3.	Albuterol
4.	Advair
5.	Claritin
6.	Singulair
7.	Prednisone
8.	Zyrtec
9.	Tylenol
10.	Caffeine
11.	Nyquil
11. 12.	Nyquil Advil
12.	Advil
12. 13.	Advil Benadryl
12. 13. 14.	Advil Benadryl Adderall
12. 13. 14. 15.	Advil Benadryl Adderall Mucinex
12. 13. 14. 15.	Advil Benadryl Adderall Mucinex Dayquil
12. 13. 14. 15. 16.	Advil Benadryl Adderall Mucinex Dayquil Phenylephrine
12. 13. 14. 15. 16. 17.	Advil Benadryl Adderall Mucinex Dayquil Phenylephrine DHEA

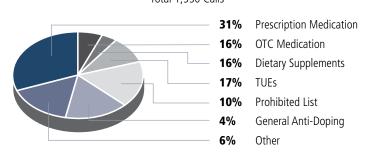
### DRUG REFERENCE PHONE LINE

The Drug Reference phone line staff fields phone calls from athletes, coaches, parents, and medical personnel on specific drug and substance questions. In 2010, there were 1,550 direct calls to the Drug Reference Phone Line (not including outgoing calls to athletes from the Drug Reference Phone Line staff or incoming calls transferred from within USADA). The graphs and tables below describe the volume and nature of calls to the Drug Reference Line during 2010.

### DRUG REFERENCE LINE CALLERS

# 59% Athlete 20% Parent 3% Coach 6% Medical Profession 4% Sport Administrator 0ther (or anonymous)

### Drug Reference Line Call Topics Total 1,550 Calls



### SPORT TESTING AND RESOURCES (STAR)

2010 marked a busy and productive year for the Sport Testing and Resources (STAR) team. The STAR team establishes and implements internal operational processes in order to oversee the Doping Control Officers (DCOs) and enhance the sample collection process, with a goal of facilitating effectiveness and efficiency, while ensuring the well-being of athletes and the integrity of sample collection. The division is split into two main functions: Project Management, which creates resources to assist in DCO operations, and DCO Management which concentrates on the day-to-day management of DCO personnel.

Among the many projects and goals completed throughout the year, the structure of the STAR division was enhanced to better manage and facilitate doping control activities by combining both the test planning and administration team with the sample collection operations and training team, thus incorporating these two groups into one STAR division structure.

### REGIONAL TEAM LEAD DEVELOPMENT

The management structure of DCOs and sample collection personnel was further developed in 2010 through the institution of the Regional Team Lead (RTL) structure. Through a comprehensive interview and evaluation process, four RTLs were appointed from within the DCO ranks to assist and oversee the management of DCO and sample collection operations. These four RTLs assumed supervisory responsibility over four geographic regions of DCOs throughout the U.S., to increase communication and feedback avenues both to and from the USADA office and the field as well as enhance the overall quality of DCO performance management. As credentialed DCOs, these RTLs provide practical input to the enhancement of sample collection processes, serve as mentors and leaders in directing management processes and decision-making, and can speak from experience when evaluating sample collection activities.

### DCO ADVANTAGE

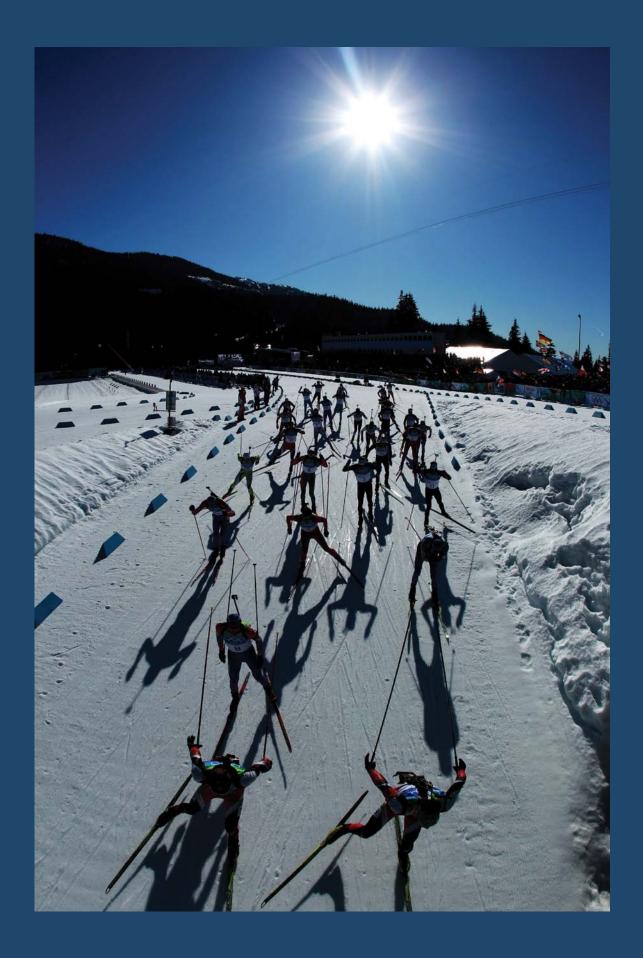
Another undertaking by the STAR team was the development of DCO Advantage, a new online training curriculum for DCOs. Driven largely by the Resources, Education and Training team within STAR, this project enhances DCO training through a comprehensive and interactive online curriculum, in addition to more traditional in-person workshops or conference-based trainings. In conjunction with the Athlete's Advantage eLearning tools, training DCOs remotely enhances and economizes training efforts by facilitating greater frequency and efficiency for the overall quality of USADA's testing program.

### DCO CONFERENCE

In October, the STAR team hosted the 2010 DCO Conference, bringing DCOs from across the country to Colorado Springs, Colorado to participate. With the implementation of the DCO RTL structure and the transition from exclusively in-person training sessions to the addition of DCO Advantage online training modules, STAR was able to primarily focus the conference on the overall development of field decisions and best practices, as well as communicating the enhancements that were made to the DCO structure. As the conference was hosted in Colorado, STAR was also able to incorporate a large number of USADA headquarters staff in the planning and facilitation of the conference, and include DCOs in USADA's tenth anniversary celebration as a full staff.



DCOs and USADA headquarters staff together for CEO, Travis T. Tygart's commemorative speech at the tenth anniversary celebration



### INTERNATIONAL PARTNERSHIP, TECHNOLOGY AND TECHNICAL ASSISTANCE

In the global anti-doping movement, USADA continues to focus on advancing already strong international partnerships to protect the interests of clean U.S. athletes and to coordinate and improve worldwide anti-doping efforts. In 2010, many initiatives, partnerships, and technical assistance opportunities furthered this objective.

The multinational collaboration between USADA, United Kingdom Anti-Doping (UKAD), and the Canadian Centre for Ethics in Sport (CCES) continued with joint management of the Global Drug Reference Online (Global DRO).

USADA also worked to continue expansion and enhancement of the custom Simon database program, used by other national anti-doping organizations such as Switzerland, Ireland and New Zealand as an invaluable day-to-day operational tool for managing Doping Control, Results Management, Whereabouts Filings and Failures, as well as Online Doping Control Officer assignments. The Simon User Group continues to meet regularly in pursuit of significant advances in the way these areas are managed, resulting in more efficient and effective testing processes.

Also in 2010, USADA, in partnership with Anti-Doping Switzerland (ADCH), developed an integrated paperless system to vastly improve the quality, efficiency, time commitment and cost effectiveness of test planning, sample collection, and results management processes.

USADA was also able to lend technical and subject-matter expertise throughout 2010 in a number of multinational settings by: presenting in February at the Tackling Doping in Sport conference in London, participating in July meetings with INTERPOL in Russia; hosting visits by the Australian Sports Anti-Doping Agency (ASADA) in July, the Japan Anti-Doping Agency (JADA) in August, Canadian Centre for Ethics in Sport (CCES) in September, Korean Anti-Doping Agency (KADA) in October, and Anti-Doping Norway in November, all in Colorado Springs; participating on the Independent Observers team at the Commonwealth Games in India in October; presenting at the October Federation International Volleyball (FIVB) Medical Seminar in the Dominican Republic; hosting the ANADO (Association of National Anti-Doping Organizations) Workshop in November; participating in meetings with United Kingdom Anti-Doping (UKAD) and the London Organizing Committee of the Olympic Games (LOCOG) in London in December; and participating in a number of WADA, ANADO and other international anti-doping committee meetings and working groups.



Yuka Morokoshi and Taeko Ono from JADA, with Japanese Gold-medal swimmer Daichi Suzuki and Lindsey Roebken from USADA

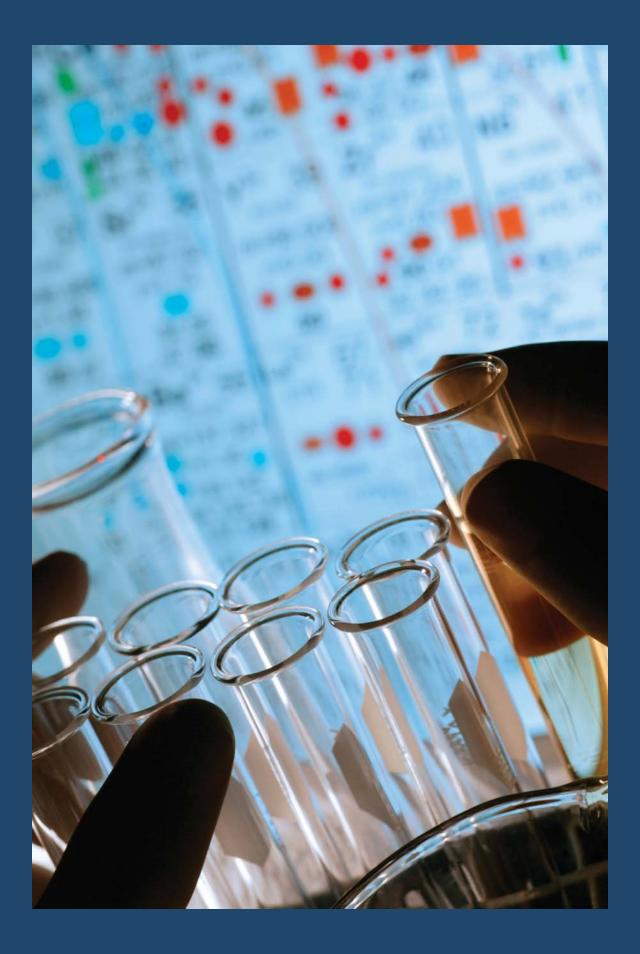
### ANADO Workshop

On November 3-5, 2011 USADA hosted the **15th ANADO Workshop** (the Association of National Anti-Doping Organizations), in Colorado Springs, Colorado. This annual conference convenes leaders of National Anti-Doping Organizations, National Olympic Organizing Committees, International Federations that govern sport, the World Anti-Doping Agency, and other anti-doping authorities from around the world.



The conference focused on intelligence testing and investigations, with a special presentation from U.S. federal agents on government efforts against the steroid and performance-enhancing drug industry within the United States, as well as on an international level.





### SCIENCE

The core mission of USADA's Science department is to ensure that the basis of global anti-doping programs is based on fundamentally good science. In keeping with the goals of Game Plan 2012, the Science team is committed to expanding the agency's influence in the scientific community. A close working relationship is maintained with counterparts at the World Anti-Doping Agency (WADA) through review and comment on the Prohibited List, and technical documents and guidelines. USADA also actively shares information with WADA on science-based projects that support anti-doping rules. In addition, the USADA Science team maintains collaborations and/or memberships on anti-doping committees with International Federations such as IAAF, FINA, ATP, and UCI, and continues to maintain close collaborations with a number of national anti-doping organizations, as well as contribute to peer-reviewed scientific literature.

USADA Science continues to partner with governmental and health organizations to develop projects of joint interest. USADA continued to work with the American College of Sports Medicine on the Professionals Against Doping in Sport (PADS) program, by hosting the PADS website and contributing to resource content. In 2010 the Science team provided scientific expertise to a number of government agencies including the Drug Enforcement Agency, the Department of Justice, the Federal Bureau of Investigation, the Food and Drug Administration, and the Substance Abuse and Mental Health Services Administration. The Science team also made numerous presentations at scientific and other sports meetings including the International Conference on the Science of Botanicals, the World Triathlon Cooperation, the Association of National Anti-Doping Organizations Workshop, and the Medicine of Cycling Conference.

### USADA Publications in Literature

S.A. Starks, L.D. Bowers. "A Quest for the Truth: The Evolution and Nuances of the USADA Adjudication System for Anti-Doping Rules Violations Conducted Through Arbitration." Yearbook on Arbitration and Mediation 2010; 2: 144-75.



### Science and the Evolution of Testing Programs

Science efforts at USADA are closely tied with Game Plan 2012 objectives that seek to uncover and analyze cutting-edge intelligence about performance-enhancing drugs, trends and practices. The USADA Science department is a leader in the communication of research and intelligence to assist the scientific community and to inform the public, and coordinates information obtained from non-testing sources into the testing program.

USADA continued the enhancement in 2010 of its longitudinal testing program, which monitors individual steroid and blood profile data from samples collected over time to determine variations in an athlete's own historical testing values. USADA works with the WADA-accredited laboratories in the United States to receive automated and direct data uploads, incorporated into the SIMON database system. Analytic results are used to compare the athletes most recent test result to their historical results. Unusual patterns are used to aid in USADA's target testing program.



2010

### RESEARCH

A key element in advancing the fight against doping is to continually improve the scientific base that supports adverse analytical findings. USADA advances this base in three distinct ways: the Annual Symposium on Anti-Doping Science, USADA-funded studies that support testing, and participation in the Partnership for Clean Competition. The USADA Science department uses these techniques to predict and prepare for the next potential doping agents.

### 9TH ANNUAL SYMPOSIUM ON ANTI-DOPING SCIENCE

"Emerging Technologies" was the topic for the 9th Annual Symposium on Anti-Doping Science, hosted by USADA on October 2-4 in Lansdowne, VA.

This preeminent event in the field of anti-doping science gathered 84 scientists, laboratory directors and sports administrators, representing renowned entities such as research institutes, international sport federations, universities, the International Olympic Committee Medical Commission, the World Anti-Doping Agency, the International Paralympic Committee, professional sports leagues, and the London Olympic Organizing Committee. Participants traveled from nearly 30 countries to attend.

The event, which included scientists from both in and out of the anti-doping community, provided an opportunity to reflect on the advances from the past ten years in measurement approaches and technology, and explore emerging technological areas that affect the future of anti-doping efforts. Exploration into timely challenges amongst the global scientific anti-doping community such as protein and peptide detection by mass spectrometry, the study of first-hand sophisticated doping and masking techniques, and research into highly efficient but low-cost testing were all areas addressed to facilitate more and greater advances in deterring doping. Keynote addresses centered on topic areas such as Mass Spectrometry of Proteins and Peptides, Quantification and Characterization of Proteins and Glycoproteins, Strategies of Doping and Masking, and Low Cost, High Throughput Testing Strategies.

Speakers included such experts as Dr. N. Leigh Anderson of Plasma Proteome Institute, Dr. Michael McCoss and Dr. Andrew Hoofnagle of the University of Washington, Dr. Donald Siegel of the University of Pennsylvania School of Medicine, and Dr. Jeff Walker of SomaLogic. Additionally, former professional cyclist Bernhard Kohl addressed the group regarding his personal experiences with performance-enhancing drugs and methods, including blood transfusions.



Former professional cyclist Bernard Kohl addresses Science Symposium



Attendees at the 9th Annual Symposium on Anti-Doping Science, Lansdowne, VA October 2010

### **USADA-FUNDED PROJECTS**

The following projects were established under USADA's 2009 research policy, which focuses on projects addressing topics of direct benefit to the USADA testing and adjudication program.

- > Institute of Doping Analysis and Sports Biochemistry, Dresden, GERMANY, "Ethyl glucuronide (EtG) as indicator for potential ethanol-induced elevation of testosterone-to-epitestosterone ratios."
- Growth Hormone Working Group:
  - "Growth hormone biomarker assay development and validation."
  - IGF-1 LC/MS/MS Quantification Working Group project
- > ANZAC Health and Medical Research Foundation, "Detection of DHEA Augmentation Doping: Pilot Study."

### PARTNERSHIP FOR CLEAN COMPETITION

The Partnership for Clean Competition (PCC), founded by USADA, the United States Olympic Committee (USOC), Major League Baseball (MLB), and the National Football League (NFL), is an innovative research collaborative (www.CleanCompetition.org). Dr. Larry Bowers, USADA's Chief Science Officer, serves as chairman of the PCC Scientific Advisory Board. In 2010, the PCC awarded \$2.98 million in grant funding in support of 11 project proposals. Projects encompassed all of the research objectives of the PCC, and a sampling of the projects are listed below:

- > Dr. David Bruns and Dr. Brian Kelly, University of Virginia, "RT-qPCR approach for detection of recombinant human growth hormone use in athletes"
- > Dr. Barbara Daniel, King's College London, "Can genomic analysis be the answer to autologous blood transfusion?"
- > Dr. Richard Holt, University of Southampton, "GH-2004: Novel biomarkers for the detection of IGF-1 abuse"
- > Dr. Nicolas Leuenberger, Seiss Anti-Doping Laboratory, "Circulating microRNAs as stable biomarkers for detection of autologous transfusion"
- > Dr. Andrew Phillips, Yale University, "Microarray-MS Approaches to the Detection of Known and Designer Doping Agents"
- > Dr. Doug Rollins and Dr. Jonathan Danaceau, Sports Medicine Research and Testing Laboratory (SMRTL), "Longitudinal evaluation of urinary endogenous steroid concentrations."
- > Dr. Pauline Rudd, University College Dublin, "Structural differences as a biomarker of EPO use"

## clean competition

















2010



### SUPPLEMENT SAFETY NOW

Supplement Safety Now was launched by USADA in late 2009, in partnership with the National Football League (NFL), Major League Baseball (MLB), the National Basketball Association (NBA), the National Hockey League (NHL), the United States Olympic Committee (USOC) and other national sports and health organizations, in an effort to end the dangerous and unscrupulous practices of "rogue" manufacturers within the nutritional supplement industry. This coalition effort is working to eliminate the practice of selling dangerous products containing steroids and other drugs as "safe and legal" dietary supplements. Initiatives of the partnership include media outreach and grassroots mobilization, with a dedicated website for supporters to visit (www.SupplementSafetyNow.com) to take action on the issue.

Not only are anti-doping authorities concerned about the risk to elite athletes of testing positive from either contaminated or intentionally spiked products, but there are serious health risks associated with taking these hazardous hidden substances, which can include illegal designer steroids and potent stimulants.

Supplement Safety Now worked throughout 2010 to urge Congress to establish a regulatory framework that ensures all supplements sold over-the-counter, in retail stores and online, are safe and free of dangerous steroids and other drugs. Significant progress was made almost immediately. The U.S. Senate Judiciary Subcommittee on Crime and Drugs explored this issue in a hearing on September 29, 2009, at which USADA provided testimony.

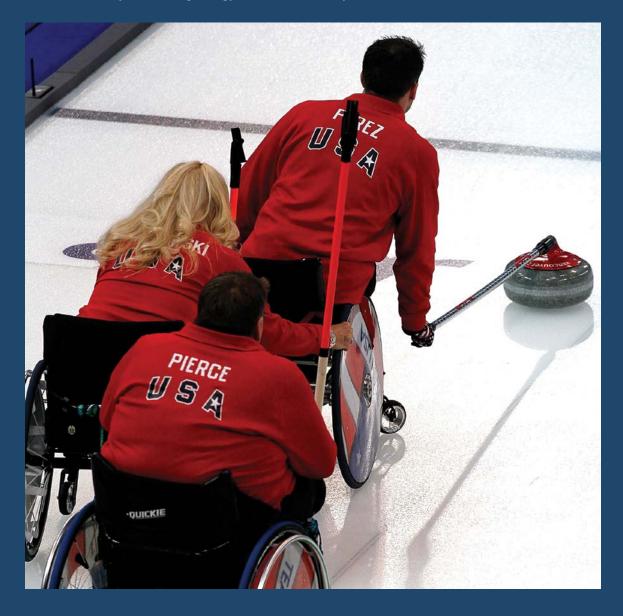
In addition, within just twelve weeks of the launch of Supplement Safety Now, lawmakers had already introduced legislation that addressed a number of the concerns raised by these coalition partners, attaching critical changes to an existing bill that was in process. This bill was passed by Congress at the end of 2010 and signed by President Obama in early 2011, known as the Food Safety Modernization Act. These changes include registration of all dietary supplement companies, mandatory recall for unsafe dietary supplements, and requirements that the FDA finally identify new dietary supplementary ingredients versus pre-DSHEA ingredients. Further initiatives are on the horizon.

To date, joining the MLB, NFL, USOC, NBA and NHL in their support for **Supplement Safety Now** are: American College of Sports Medicine, American Swimming Coaches Association, the National Center for Drug Free Sport, the National Collegiate Athletic Association, the PGA Tour, US Lacrosse, US Tennis Association, USA Cycling, USA Gymnastics, USA Swimming, USA Track and Field, and USA Triathlon.



USADA's commitment to eradicating doping begins with understanding and focusing on the antecedents to such behavior. Centered around the concept that while doping involves taking performance-enhancing drugs, it stems from the ethical decisions that athletes are willing to make when prioritizing winning at any cost. Strong ethical decision-making skills, learned at critical intervention phases in a young person's life, can make it easier to avoid making potentially poor choices.

The Outreach Education team is dedicated to USADA's vision of imparting and inspiring a commitment to the core principles of true sport. The lessons learned through sport can help develop strong character, influence beliefs and behavior, and improve self-confidence. The Outreach team aims to empower youth to make sound decisions and good choices when faced with difficult situations, as well as arm them with constructive alternatives through healthy nutrition, positive body image, and tools for naturally maximizing energy and athletic activity.



### PUBLICATIONS AND CURRICULA

In 2010, USADA Outreach Education made significant modifications and enhancements to key publications, ensuring that they were updated with the most relevant information. At the heart of the education effort are foundational resources that can be used by a variety of audiences. The resources listed below were disseminated to thousands of coaches, parents, teachers, mentors and athletes of all ages throughout the year.

**The Journey** – an ethics module to be provided to, and/or facilitated with, young people to apply ethical concepts and decision-making, including activities and real-life stories.

**Optimal Dietary Intake Guide** – a guide to optimizing dietary intake for athletic competitors, including sound nutritional instruction for sport, as well as for life.

**The Joy of Sport** – a quick resource for youth and their mentors, covering topics such as doping, ethical decision-making, the health consequences of performance-enhancing substances, sound nutrition, supplements, and more.

**100% Me Curriculum** – tailored to ages 10-14. Includes both a facilitator's guide and a student workbook and reviews the tools younger students need for smart decision-making and healthy living. It covers topics such as nutrition, body type and body image, the truth about dietary supplements and how to naturally and safely maximize athletic performance. A colorful and engaging website complements the lesson content, www.USADAKids.org.

**That's Dope Curriculum** – tailored to ages 14-20. Includes both a facilitator's guide and a student workbook and covers the dangers of performance-enhancing drugs, the myths and issues surrounding dietary supplements, the value of ethical decision-making, and how to naturally and safely maximize athletic performance. A colorful and engaging website complements the lesson content, www.ThatsDope.org.

### What educators are saying – assessment results from respondents using USADA curricula:

- 96% agreed or strongly agreed that the lesson topics were relevant to their students' lives.
- > 88% agreed or strongly agreed that their students' attitudes towards the lesson topics changed as a result of the curriculum.
- 92% agreed or strongly agreed that their students were able to directly apply lessons to daily living.
- > 74% reported that they observed changes in attitudes or behaviors regarding their students' decision-making skills.
- 98% believe it is "critical or very critical" to instill the concept of ethics in sport at the middle and high school level.
- 89% believe they can make a difference in their community regarding student athlete attitudes and behaviors about ethics in sport.

"The USADA curriculums are the most purposeful that I've seen for character development, and are the only resource currently available that combines ethics, drug prevention, nutrition, and energy drink and supplement lessons in one package. The curriculums are interactive and engaging and will meet the needs of the 21st-century learner."

Colorado Springs School District 11
 Physical Education and Health Facilitator

### **CURRICULUM ADOPTION**

In 2010, more than 40,000 copies of USADA's 100% Me and That's Dope curricula were distributed. These curricula are tied to national education standards, implemented easily into classrooms or other youth group educational settings, and offer self-assessment tools, facilitator's guides, and student activity workbooks.

For the first time, in late 2010 a full school district adopted USADA's curricula as a resource for its students district-wide. The 29,000 students in Colorado Springs' School District 11 are benefiting from the *That's Dope* and *100% Me* programs as they are implemented across all school levels – including, elementary, middle, and high school.

### USADA TRUE SPORT AWARDS PROGRAM

USADA was once again proud to partner with Discovery Education for the second year of the USADA True Sport Awards. This program encourages teachers, coaches, school administrators, and other youth program leaders to empower youth with character-building experiences, and to motivate young people to lead safe and healthy lifestyles, free from performance-enhancing drugs, using life lessons learned through sport as its platform.

Year two of the program, which was awarded the 2010 Mom's Choice Award for online family-friendly resources, saw more than 1,600 educators across the country participate. The top 30 proposals were recognized and honored, receiving local program funding, flip video cameras to document the elements of their program, community recognition through local press outreach, and a one-year subscription to Discovery Education Health, a comprehensive health and prevention digital online library.



Additionally, gold winners from year one gathered in Colorado Springs, Colorado along with other education experts and Discovery Education representation, for an educators' summit to share ideas and provide valuable feedback to USADA staff.

Promoting honesty, respect, teamwork, and healthy choices, this program helped put USADA's curricula in the hands of educators and community leaders around the country who are in the position of imparting the critical life lessons that contribute to the development of ethical and healthy individuals.



The USADA True Sport Awards program was recognized with a Mom's Choice Gold award in the category of online resources. MOM'S CHOICE AWARDS® (MCA) are known for establishing the benchmark of excellence in family-friendly media, products, and services. Parents, educators, librarians, and retailers rely on MCA evaluations when selecting quality materials for children and families. The MCA seal helps families and educators navigate a vast array of products and services so that they can make informed decisions about quality options.

### **OUTREACH SESSIONS**

USADA's outreach presentations provide a face-to-face encounter with USADA and its ambassadors, allowing audiences of all ages, in particular youth and their mentors, to interactively learn about health, ethics and sportsmanship, nutrition, effects of taking performance enhancing drugs, and how they can support clean sport. These live interfaces allow USADA to reach a variety of audiences, having a truly personal impact.



Athletes sign a USADA I Compete Clean banner Throughout 2010, USADA's outreach sessions touched approximately 16,000 junior-level athletes and coaches in Olympic, Paralympic, and Pan-American events, youth sport organizations, middle- and high-schools, university students, administrators, nutritionists, and national organizations serving coaches and athletic directors. These were delivered across the country in 39 cities in 21 states, and included presentations to small groups as well as large audiences, allowing for high quality one-on-one interaction with influencers in the sport and in physicial education and health education arenas.

### I COMPETE CLEAN BECAUSE...

Developed in 2009, in collaboration with seven of America's inspirational winter Olympic and Paralympic athletes, USADA's fourth clean sport campaign, gained its momentum in 2010. Developed in 2009 around the winter Olympic Games in Vancouver, BC, this public service effort aims to encourage athletes and fans of all ages to take a proactive stand for clean and healthy competition.

Campaign posters, postcards, and promotional materials were distributed widely; banner ads featuring the campaign athletes were displayed on their respective NGB websites; e-blasts were sent to several thousand athletes, NGB support, community organization leaders, and athlete leadership; campaign advertisements were placed in several publications; the campaign was prominently featured in USADA's *Spirit of Sport* newsletter; the campaign videos were posted on YouTube, MetaCafe, Facebook, and Twitter and were viewed nearly 15,000 times.



### USADA ATHLETE AMBASSADOR PROGRAM

In 2010, USADA was once again proud to recognize its group of athlete advocates for clean sport – the USADA Athlete Ambassadors. These role models strive to promote, impart, and inspire a commitment to the core values, ideals, and guiding principles of true sport to the next generation of athletes.

Athletes in this program have had an opportunity to raise awareness about the dangers and consequences of performance-enhancing substances in sport through personal "clean sport" stories. They participate in a variety of ways, including delivering live presentations, writing articles, participating in USADA education video productions, or making appearances at school, community, and sport functions, among others.

### 2010 USADA Athlete Ambassadors included:

- Kristin Armstrong Road Cycling (Boise, ID)
- Nathalie Bartleson
   Synchronized Swimming
   (Colorado Springs, CO)
- Jeremiah Bishop Mountain Biking (Harrisonburg, VA)
- Caitlin Cahow Ice Hockey (Minneapolis, MN)
- John Godina Track and Field (Mesa, AZ)

- Erin Hamlin Luge (Lake Placid, NY)
- April Holmes Paralympic Track and Field (Chula Vista, CA)
- Augusto Perez Paralympic Wheelchair Curling (East Syracuse, NY)
- Dee Dee Trotter Track and Field (Knoxville, TN)
- > Kicker Vencill Swimming (Santa Monica, CA)
- Lauryn Williams Track and Field (Miami, FL)



April Holmes speaks with Team ProFAST in El Centro, CA



Dee Dee Trotter gets the audience on their feet at an all-district assembly in Huntsville, TX



Augusto Perez takes some time for a one-on-one interaction with a student at Mount Anthony Middle School in Bennington, VT



"For me, being an Athlete Ambassador is an honor. However, it is also a duty. I feel obligated to try and help future generations of athletes make their ways through their careers feeling proud of their choices to participate fairly. The greatest gift I ever received in my athletic career was given to me by myself. It was the gift of self-satisfaction, free of regret or guilt.

At the time I could not have known how much it would mean to me today, but having competed clean and without compromising my morals in the pursuit of success is the largest source of pride I have. I simply want young athletes today to know what I know – that winning at all

costs is not winning at all. Being an Athlete Ambassador is the best way to teach our youth to see through our eyes...with hindsight that reveals the personal, long-term value and redemption of morality."

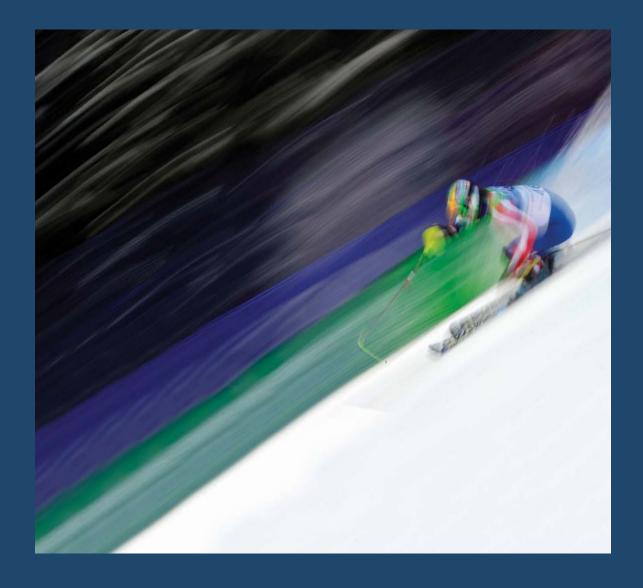
- John Godina, Olympian and USADA Athlete Ambassador

2000

Top tier international and national media outlets continued to look to USADA as an expert resource on issues related to anti-doping. In 2010, USADA was mentioned in over 13,000 news articles, as well as a number of television broadcasts. Among media where the organization was featured included The Associated Press, Bloomberg, Boston Globe, CBS, Chicago Tribune, Dallas Morning News, ESPN, HBO, Houston Chronicle, Los Angeles Times, Miami Herald, NBC, New York Daily News, New York Times, Reuters, San Jose Mercury News, Sports Illustrated, USA Today, The Wall Street Journal, and Washington Post.

In 2010 USADA distributed 67 news releases, announcements and public statements on a variety of subjects including public announcements of sanctions, athlete and outreach education programs, science and research initiatives, Supplement Safety Now, and quarterly and annual reporting of program statistics.

As part of the overall communications effort, the USADA Communications Team also participated in a number of programs to facilitate and enhance interactions with all constituents and stakeholders.



### WEBSITE AND SEO/SEM PROGRAMS

In 2010 USADA reorganized and significantly added to the content on its website, enhancing and strengthening www.USADA.org to continue to be a definitive resource in the global anti-doping movement. Similarly, the organization launched search engine optimization (SEO) and search engine marketing (SEM) campaigns to drive traffic to the website and directly contribute to the goal of becoming a strong and influential partner and voice in the anti-doping community, as well its strategy to build awareness for USADA as a respected and recognized resource for the preservation, inspiration and protection of true sport. As a result of these programs:

- Protecting
  The Report Of Allerina

  What Specify Management and Control of Allerina

  America A Study of Specify Management and Control of Allerina

  America A Study of Specify Management and Control of Allerina

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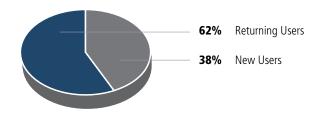
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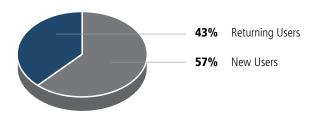
  America A Study of Specify Management and Control o
- > Total pages views for the public website increased over 51%
- > Web traffic originating from search engine results increased over 94%
- > First time or new visitors to the website increased over 80%

For the first time in the website's history, www.USADA.org saw a greater percentage of total website visits coming from first-time or new visitors than from returning visitors, a clear indication that the resource and the organization's messages are reaching an expanding audience.

### 2009 SEARCH ENGINE GROWTH



### 2010 SEARCH ENGINE GROWTH



### SOCIAL MEDIA

In 2010 USADA began its presence in social media as an additional tool to reach its targeted audiences and build relationships with interested organizations and stakeholders. With dedicated Facebook, Twitter and YouTube pages, USADA began communicating to these audiences on a variety of topics including important company highlights, athlete and outreach education announcements, communication campaigns, global anti-doping developments, and relevant industry news.









### A BIG MOVE

In July 2010, USADA headquarters relocated to new office space, executing a significant and seamless move of all agency operations. Located now in the Colorado Springs Tech Center, all divisions are centralized on a single floor with efficient, customized space that maximizes security and operational considerations, as well as opportunities for communication and collaboration among staff, and flexibility for future enhancement and/or expansion.



### FOR THE RECORD

2010 proved to be one of USADA's busiest years in the results management area. Ten cases went to contested hearings and 37 sanctions were announced. A number of investigations initiated by USADA resulted in action and more athletes accepted sanctions in non-analytical cases than ever before. Notable outcomes included:

- Past Olympian and track and field coach Raymond Stewart received lifetime ineligibility after USADA demonstrated his involvement in the administration of prohibited substances at a contested hearing. Stewart is the third coach sanctioned by USADA, all of whom have received lifetime ineligibility.
- > USADA brought to a close several cases resulting from its long running BALCO investigation, with former BALCO athletes Ramon Clay, Duane Ross and Garfield Ellenwood accepting sanctions, and a case involving well known international track and field agent Mark Block going to a hearing. Block is believed to be the first track and field agent ever to be sanctioned for involvement in doping, ultimately receiving a ten-year period of ineligibility.
- USADA concluded a joint investigation with the Dutch national anti-doping agency which resulted in two U.S. basketball players accepting sanctions for tampering with doping control.
- USADA's investigation into doping in the sport of cycling was effective as four cyclists accepted sanctions for offenses involving purchase of the banned oxygen enhancer EPO from a Chinese manufacturer known as EPOSINO, and former national champion rider Kirk O'Bee received lifetime ineligibility after a contested hearing in which USADA demonstrated his use of EPO and involvement with other banned products.

#### SANCTIONS

Amphetamine

Methylhexaneamine

Modafinil

**Total** 

NCTIONS	
Adverse Findings & Other Doping Violations Initiate	ed in 20
Potential Doping Violations	73
Number Referred to International Federations	12
Pending at end of 2010	5
Total U.S. Cases	56
Total Sanctions	23
Resulted in No Violations	33
Classification of Adverse Findings	
Anabolic Agents	
T/E ratio >4/1	3
Adverse CIR	1
19-norandrosterone	1
19-Norandrosterone and Tetrahydronorethisterone	1
Drostanolone & Erythropoietin (EPO)	1
Beta-2 Agonists	
Formoterol	12
Salmeterol	8
Salbutamol	1
Cannabinoids	
Tetrahydrocannabinol (THC)	6
Corticosteroids	
Prednisoone and Prednisolone	2
Triamcinolone acetonide	1
Diuretics & Other Masking Agents	
Hydrochlorothiazide & Chlorothiazide	1
Acetazolamide	1
Furosemide	1
Hormones and Related Substances	
HCG	1
Hormone Antagonists and Modulators	
Formestane	1
Clomiphene	1
Non-Analytical	
Refusal/Evasion	6
Non-Analytical	5
3 Whereabouts Failures	4
IV Saline Solution	1
Tampering	2
Stimulants	
Ritalinic acid (methylphenidate metabolite)	7
Amphetamine	3

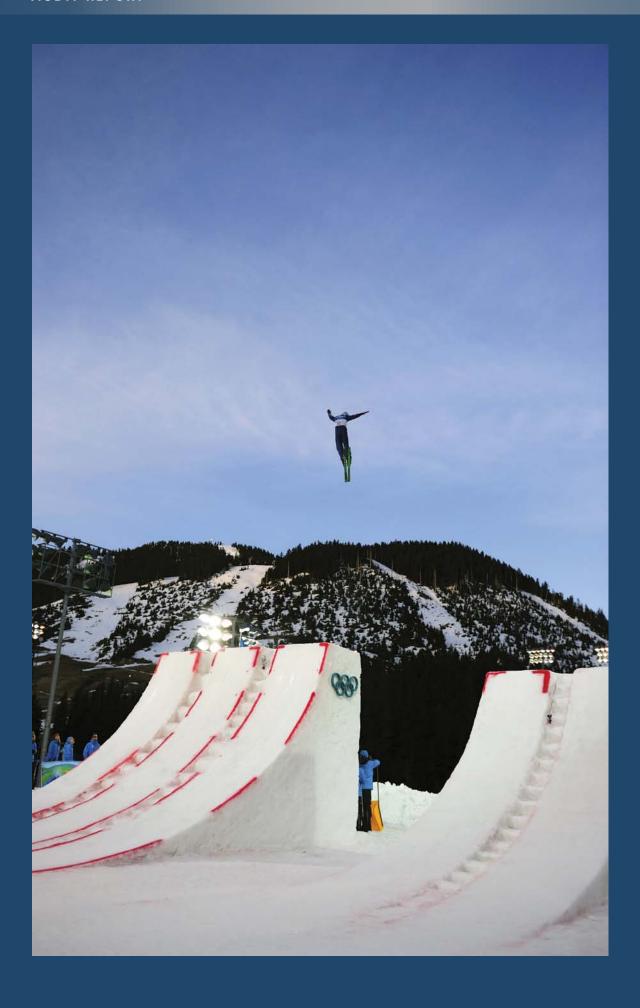
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73



Athlete	Sport	Sanction	Substance
Brandon Barnette	Roller Sports	1 Year Suspension - Loss of Results	3 Whereabouts Failures
Val Barnwell	Track & Field	2 Year Suspension	Testosterone Prohormones
Mark Bathum	Paralympic Alpine Skiing	Public Warning - Loss of Results	Acetazolamide
Michael Berry	Track and Field	3 Month Suspension -3 Month Deferral for Education	THC
Jonathan Chodroff	Cycling	2 Year Suspension - Loss of Results	Non-Analytical Positive
Ramon Clay	Track and Field	2 Year Suspension - Loss of Results	Non-Analytical Positive
David Clinger	Cycling	2 Year Suspension - Loss of Results	Testosterone & Modafinil
Jerren Cochran	Boxing	2 Year Suspension - Loss of Results	Furosemide
Jessica Cosby	Track & Field	4 Month Suspension - Loss of Results	Hydrochlorothiazide & Chlorothiazide
Crystal Cox	Track & Field	4 Year Suspension - Loss of Results	Non-Analytical Positive
Charles Coyle	Cycling	2 Year Suspension - Loss of Results	Non-Analytical Positive
Andrew Crater	Cycling	3 Month Suspension -3 Month Deferral for Education	THC
Philippe DeRosier	Track & Field	6 Month Suspension - Loss of Results	Methylhexaneamine
Matthew Devine	Weightlifting	2 Year Suspension - Loss of Results	Adverse CIR
Duane Dickey	Cycling	Lifetime	Refusal to Test & Non-Analytical Positive
Garfield Ellenwood	Track & field	2 Year Suspension - Loss of Results	Non-Analytical Positive
Teddy Gipson	Basketball	6 Month Suspension	Tampering
Tyler Goff	Speedskating	1 Year Suspension - Loss of Results	3 Whereabouts Failures
Jesus Gomez	Boxing	2 Year Suspension - Loss of Results	Refusal to Test
Orien Greene	Basketball	2 Year Suspension	Tampering
Mark Jelks	Track and Field	2 Year Suspension - Loss of Results	3 Whereabouts Failures
Harrison Jones	Diving	3 Month Suspension -3 Month Deferral for Education	THC
Randal Jones	Bobsled	2 Year Suspension - Loss of Results	Refusal to Test
Chris Lukezic	Track and Field	2 Year Suspension - Loss of Results	Refusal to Test
Sean Mahoney	Swimming	6 Month Suspension - Loss of Results	Methylhexaneamine
LaShawn Merritt	Track and Field	21 Months Suspension - Loss of Results	Adverse CIR
Zachary Monsees	Water Polo	3 Month Suspension -3 Month Deferral for Education	THC
Emilia Morrow	Taekwondo	6 Month Suspension - Loss of Results	Hydrochlorothiazide & Chlorothiazide
Kirk O'Bee	Cycling	Lifetime	EPO
Flavia Oliveira	Cycling	2 Year Suspension - Loss of Results	Oxilofrine
Duane Ross	Track & Field	2 Year Suspension - Loss of Results	Non-Analytical Positive
Neal Schubel	Cycling	2 Year Suspension - Loss of Results	Non-Analytical Positive
Raymond Stewart	Track and Field	Lifetime	Trafficking & Administering Prohibitied Substances
Evangelos Tsourtsoulas	Rowing	Public Warning - Loss of Results	Formoterol
Ivory Williams	Track & Field	3 Month Suspension -3 Month Deferral for Education	THC
Joel Wilmoth	Paralympic Rugby	2 Year Suspension - Loss of Results	Refusal to Test
Tom Zirbel	Cycling	2 Year Suspension - Loss of Results	Adverse CIR





## INDEPENDENT ACCOUNTANTS' REPORT ON FINANCIAL STATEMENTS AND SUPPLEMENTARY INFORMATION

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

We have audited the accompanying statements of financial position of The United States Anti-Doping Agency (the Agency) as of December 31, 2010 and 2009, and the related statements of activities and cash flows for the years then ended. These financial statements are the responsibility of the Agency's management. 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 of material misstatement. An audit includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements. An audit also includes assessing the accounting principles used and significant estimates made by management, as well as evaluating the overall financial statement presentation. We believe that our audits provide a reasonable basis for our opinion.

In our opinion, the financial statements referred to above present fairly, in all material respects, the financial position of The United States Anti-Doping Agency as of December 31, 2010 and 2009, and the changes in its net assets and its cash flows for the years then ended in conformity with accounting principles generally accepted in the United States of America.

In accordance with *Government Auditing Standards*, we have also issued our report dated May 5, 2011, on our consideration of the Agency's internal control 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 control over financial reporting and compliance and the results of that testing, and not to provide an opinion on the internal control over financial reporting or on compliance. That report is an integral part of an audit performed in accordance with *Government Auditing Standards* and should be considered in assessing the results of our audit.

Our 2010 audit was conducted for the purpose of forming an opinion on the 2010 basic financial statements taken as a whole. The accompanying supplementary information, including 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 2010 basic financial statements. Such information has been subjected to the auditing procedures applied in the audit of the 2010 basic financial statements and, in our opinion, is fairly stated, in all material respects, in relation to the 2010 basic financial statements taken as a whole.

BKD, LLP May 5, 2011

#### STATEMENTS OF FINANCIAL POSITION

December 31, 2010 and 2009

ASSETS		
	2010	2009
CURRENT ASSETS		
Cash and cash equivalents	\$ 5,568,069	\$ 3,188,410
Investments held for research grants Accounts receivable, net of allowance;	1,382,149	1,256,682
2010 – \$50,975 and 2009 – \$27,528	1,200,174	2,970,336
Supplies	50,552	53,990
Prepaid expenses and other	161,667	228,643
Total current assets	8,362,611	7,698,061
Long-term Note Receivable, Net of Allowance; 2010 – \$0 and 2009 – \$377,587	-	377,588
PROPERTY AND EQUIPMENT, NET OF ACCUMULATED DEPRECIATION AND AMORTIZATION; 2010 - \$1,239,551 AND 2009 - \$1,250,037	286,070	472,120
Total assets	\$ 8,648,681	\$ 8,547,769
LIABILITIES AND NET ASSETS		
CURRENT LIABILITIES		
Accounts payable and other accrued liabilities	\$ 1,328,711	\$ 870,659
Research grants payable	330,000	275,000
Total current liabilities	1,658,711	1,145,659
Long-term Portion of Research Grants Payable	<u>-</u> _	\$ 250,000
Total liabilities	1,658,711	1,395,659
UNRESTRICTED NET ASSETS		
Unrestricted, undesignated	5,473,743	5,920,145
Board-designated	1,516,227	1,231,965
Total unrestricted net assets	6,989,970	7,152,110
Total liabilities and net assets	\$ 8,648,681	\$ 8,547,769

See Notes to Financial Statements



#### STATEMENTS OF ACTIVITIES

Years Ended December 31, 2010 and 2009

	2010	2009
REVENUES, GRANTS AND OTHER SUPPORT		
Federal grants	\$ 10,000,000	\$ 9,800,000
United States Olympic Committee (USOC) contractual agreement	3,450,000	3,825,000
Investment return	133,844	220,528
Income from third parties	1,501,312	1,443,715
Total revenues, grants and other support	15,085,156	15,289,243
Expenses		
Program expenses		
Testing services	9,230,445	8,745,049
Results management	1,816,340	1,330,321
Science, research and development	1,199,541	1,159,151
Education and awareness	2,179,683	2,055,340
General and administrative	821,287	803,276
Total expenses	15,247,296	14,093,137
Change in Net Assets	(162,140)	1,196,106
NET ASSETS, BEGINNING OF YEAR	7,152,110	5,956,004
NET ASSETS, END OF YEAR	\$ 6,989,970	\$ 7,152,110

See Notes to Financial Statements

#### STATEMENTS OF CASH FLOWS

Years Ended December 31, 2010 and 2009

	2010	2009
OPERATING ACTIVITIES		
Change in net assets	\$ (162,140)	\$ 1,196,106
Items not requiring cash  Depreciation and amortization	216,368	228,124
Loss on disposal of property and equipment	5,429	-
Net realized and unrealized gains	(78,768)	(172,241)
Bad debt expense	201,035	389,537
Changes in		
Accounts receivable	1,746,715	(2,553,187)
Supplies	3,438	40,719
Prepaid expenses and other	66,976	19,088
Accounts payable and other accrued liabilities	458,052	371,785
Research grants payable	(195,000)	(225,000)
Net cash provided by (used in) operating activities	2,262,105	(705,069)
Investing Activities		
Purchases of equipment	(35,747)	(30,130)
Proceeds received on note receivable	200,000	-
Net purchases of investments	(46,699)	(48,453)
Net cash provided by (used in) investing activities	117,554	(78,583)
INCREASE (DECREASE) IN CASH AND CASH EQUIVALENTS	2,379,659	(783,652)
CASH AND CASH EQUIVALENTS, BEGINNING OF YEAR	3,188,410	3,972,062
CASH AND CASH EQUIVALENTS, END OF YEAR	\$ 5,568,069	\$ 3,188,410

See Notes to Financial Statements

#### NOTES TO FINANCIAL STATEMENTS

December 31, 2010 and 2009

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

#### **Nature of Operations**

The 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, 2010 and 2009, cash equivalents consisted primarily of money market accounts with brokers.

The financial institution holding the Agency's cash accounts is participating in the FDIC's Transaction Account Guarantee Program. Under that program, through December 31, 2010, all noninterest-bearing transaction accounts are fully guaranteed by the FDIC for the entire amount in the account. Pursuant to legislation enacted in 2010, the FDIC will fully insure all noninterest-bearing transaction accounts beginning December 31, 2010 through December 31, 2012, at all FDIC-insured institutions.

Effective July 21, 2010, the FDIC's insurance limits were permanently increased to \$250,000. At December 31, 2010, the Agency's interest-bearing cash accounts exceeded federally insured limits by approximately \$3,762,000. In addition, there is an amount held with a broker is not covered under the FDIC insurance limit of \$250,000. The amount not insured was approximately \$8,000 at December 31, 2010.

#### **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. Depreciation and amortization are calculated using the straight-line method over the following estimated useful lives:

Computer equipment and software	3 to 5 years
Furniture, fixtures and office equipment	5 to 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.

#### **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 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 Organization 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 2007.

#### **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.

#### **Subsequent Events**

Subsequent events have been evaluated through May 5, 2011, which is the date the financial statements were available to be issued.

#### **Note 2:** Investments

Investments at December 31 consist of:

	2010	2009
Mutual funds - large-cap equities	\$ 111,619	\$ 126,210
Mutual funds - small- and mid-cap equities	14,337	12,761
Mutual funds - international equities	75,500	61,797
Mutual funds - real estate funds	64,077	67,996
Mutual funds - invested in commodities	154,292	125,208
Mutual funds - fixed income bonds	947,122	850,038
Cash and cash equivalents	15,202	12,672
	\$ 1,382,149	\$ 1,256,682

Total investment return is comprised of the following:

	2010	2009
Interest and dividend income	\$ 55,076	\$ 48,287
Net realized and unrealized gains and (losses)		
on investments reported at fair value	78,768	172,241
	\$ 133,844	\$ 220,528

#### Note 3: Disclosures About Fair Value of Assets and Liabilities

Accounting Standards Codification (ASC) Topic 820, Fair Value Measurements, defines fair value as 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. Topic 820 also specifies a fair value hierarchy, which requires an entity to maximize the use of observable inputs and minimize the use of unobservable inputs when measuring fair value. The standard describes 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

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.

#### **Mutual Funds**

Where quoted market prices are available in an active market, securities are classified within Level 1 of the valuation hierarchy. Level 1 securities include exchange-traded 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.

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, 2010 and 2009:

2010
Fair Value Measur

		Fair Value Measurements Using		
	Fair Value	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	\$ 111,619	\$ 111,619	\$ -	\$ -
Small- and mid-cap	14,337	14,337	_	_
International	75,500	75,500	_	_
Other Mutual Funds				
Real estate funds	64,077	64,077	_	_
Commodities	154,292	154,292	_	_
Fixed income bonds	947,122	947,122	_	_

2009

		Fair Value Measurements Using		
	Fair Value	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	\$ 126,210	\$ 126,210	\$ -	\$ -
Small- and mid-cap	12,761	12,761	_	_
International	61,797	61,797	_	-
Other Mutual Funds				
Real estate funds	67,996	67,996	_	_
Commodities	125,208	125,208	_	_
Fixed income bonds	850,038	850,038	_	_

Realized and unrealized gains at December 31, 2010 and 2009 are included in the investment return line item on the statement of activities.

#### Note 4: Property and Equipment

Property and equipment at December 31 consists of:

	2010	2009
Computer equipment and software	\$ 393,881	\$ 487,453
Furniture, fixtures and office equipment	81,384	184,348
Leasehold improvements	9,826	9,826
Website development	245,926	245,926
Lab equipment	794,604	794,604
	1,525,621	1,722,157
Less accumulated depreciation and amortization	(1,239,551)	(1,250,037)
Total property and equipment, net	\$ 286,070	\$ 472,120

#### Note 5: Board-designated Net Assets – Unrestricted

The Board has designated net assets for the following purposes:

	2010	2009
Research	\$ 736,227	\$ 701,965
Contingencies	750,000	500,000
Supplement Safety Now Program	30,000	30,000
	\$ 1,516,227	\$ 1,231,965

#### NOTE 6: USOC CONTRACT

The Agency has an agreement with the United States Olympic Committee (USOC) to conduct a drug testing and anti-doping program for athletes in the Olympic, Paralympic and Pan American Games. This agreement stipulates the number and types of tests to be conducted each year. 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, 2010 and 2009 was \$3,450,000 and \$3,825,000, respectively, of which \$148,839 and \$766,985 was included in accounts receivable at December 31, 2010 and 2009, respectively.

Subsequent to year-end, the Agency signed a new agreement with the USOC extending the program through December 31, 2016. While the terms of the new agreement do not differ significantly from the old agreement, the new agreement does include adjustments to testing and reporting requirements, as well as an adjustment to fees based on a cost of living adjustment.

#### **NOTE 7:** OPERATING LEASES

Noncancelable operating leases for office space and office equipment expire in various years through 2017. Future minimum lease payments at December 31, 2010 were:

2011	\$ 433,864
2012	399,987
2013	409,226
2014	418,465
2015	427,704
Thereafter	845,430
	<u>\$ 2,934,676</u>

Rental expense for all operating leases consisted of \$155,442 and \$152,530 for the years ended December 31, 2010 and 2009, 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 \$174,652 and \$142,354 for the years ended December 31, 2010 and 2009, 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 89% of its support during 2010 from two organizations. The amounts received could materially change in the future.

#### Long-term Note Receivable

The Agency agreed to loan the Sports Medicine Research and Testing Laboratory (the Laboratory) up to \$755,500, interest free. The unsecured advances took place through 2007 and were payable in full in December 2013. The balance outstanding on the note was \$755,175 as of December 31, 2009.

Due to the financial difficulty the Laboratory had been experiencing at December 31, 2009, management had estimated that these advances would be collectible at 50% of the note receivable amount, and as a result, an allowance of \$377,587 had been recorded. During 2010, a settlement agreement was reached between the Agency and the Laboratory. The agreement stated that the Laboratory was to pay the Agency \$200,000 to satisfy the obligation owed to the Agency. This amount was received during 2010 and the remaining note receivable balance was written off as bad debt expense. The net note receivable recorded on the statement of financial position was \$0 and \$377,588 at December 31, 2010 and 2009, respectively.

#### Long-term Lease

The Agency, as lessor, entered into a long-term lease with Anti-Doping Research Institute (ADR). Under the terms of this lease, the Agency will lease a piece of equipment with a cost of \$698,695 and accumulated depreciation of \$512,376 and \$372,637 as of December 31, 2010 and 2009, respectively, to ADR from January 15, 2007 though December 31, 2020, at an annual rent of \$0. During 2010, the Agency terminated the lease with ADR and entered into a lease with the UCLA Olympic Analytical Laboratory (UCLA) to lease the same piece of equipment. The lease to UCLA is from June 8, 2010 through April 11, 2020. 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 entered into a grant agreement with the Laboratory. Under terms of this grant agreement, the Agency will grant a piece of equipment with a cost of \$71,750 and accumulated depreciation of \$32,288 and \$17,938 as of December 31, 2010 and 2009, respectively, 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.

#### **Grant Commitment**

During 2008, the Agency entered into a grant commitment with the Partnership for Clean Competition. As part of this agreement, the Agency pledged to support the Partnership for Clean Competition with annual funding of \$250,000 for each of its first four years. The balance outstanding on the pledge was \$250,000 and \$500,000 as of December 31, 2010 and 2009, respectively, of which \$250,000 is recorded as current for both years and \$250,000 is recorded as long-term on the statements of financial position as of December 31, 2009. These amounts are included in research grants payable on the statements of financial position at December 31, 2010 and 2009.

#### Litigation

The Agency is subject to claims and lawsuits that arose primarily in the ordinary course of its activities. It is the opinion of management that the disposition or ultimate resolution of such claims and lawsuits will not have a material adverse effect on the financial position, change in net assets and cash flows of the Agency. Events could occur that would change this estimate materially in the near term.

#### **Current Economic Conditions**

The current protracted economic decline continues to present not-for-profit organizations with difficult circumstances and challenges, which in some cases have resulted in large and unanticipated declines in the fair value of investments and other assets, declines in grant revenue and governmental support and constraints on liquidity. The financial statements have been prepared using values and information currently available to the Agency.

Current economic conditions have made it difficult for many grantors to continue to contribute to not-for-profit organizations. A significant decline in grant revenue and governmental support could have an adverse impact on the Agency's future operating results.



















# 2010 marked the tenth anniversary of the U.S. Anti-Doping Agency.

Over the course of ten years, the entire U.S. Olympic movement has been praised for implementing one of the toughest and most effective anti-doping programs and for making great strides in the advancement of all anti-doping programs. The U.S. Anti-Doping Agency (USADA) has faithfully served the nearly 50 national governing bodies for the Olympic, Paralympic, and Pan American sports, as well as the tens of thousands of clean athletes who want and need USADA to be successful, and whose partnerships have been critical to its success.

Over the past ten years, USADA's goals for achieving the most effective anti-doping program, and its successes, have been numerous, ambitious, and ever-growing. USADA has appeared in front of more than 50,000 athletes, coaches, parents, and youth to impart the principles of true sport, educating that it is well worth the commitment and without shortcuts to achievement.

More than ten million dollars have been allocated by USADA for cutting-edge scientific research aimed at understanding and effectively combating the use of performance-enhancing drugs. USADA has collected and managed the results of more than 70,000 drug tests, including tests for EPO and hGH, while utilizing the most sophisticated analysis available. USADA has partnered with federal, state and local governments to increase its effectiveness and there have been huge successes in these efforts with BALCO, Operation Raw Deal and others. Most importantly, USADA has restored the image of U.S. athletes abroad, given them the hope that their decision to compete ethically is worth it, and assured them that USADA is here to support them.

While it would be easy to become satisfied with these outcomes, now is the time to use these past successes to propel USADA to the next level, to completely return the playing fields to clean athletes. In doing so, USADA aims to assure present and future athletes that only true sport is sport that will result in achievement worth celebrating.

USADA's formation was the result of tremendous courage on the part of the United States Olympic Committee (USOC) and its Joint Task Force on Externalization. This team thoroughly analyzed

THE GAZETTE JUNE 28, 200

# Anti-Doping Agency replaces Drug Control Office in Olympic Testing

the doping problem in Olympic sport and recommended that an

independent entity operate its anti-doping program. USADA was developed to uphold the Olympic ideal of fair play, to preserve the integrity of competition, and to represent the interests of Olympic, Pan American, and Paralympic athletes.

The independent model is now recognized worldwide as the gold standard for effective anti-doping programs. Since its inception in October 2000, USADA has been governed by an independent Board and professional staff, all fully devoted to protecting the rights of athletes to compete healthy and clean, and to preserving the integrity of athletic competition.

Terry Madden became Chief Executive Officer of USADA in 2000 after serving as Chief of Staff to the USOC President, Bill Hybl. As CEO of USADA, Madden worked closely with the USADA Board of Directors to strengthen the United States' position as a leader in the fight against doping.

Two-time Olympic medalist and marathoner, Frank Shorter, was elected as the first Chairman of the Board of Directors at USADA. The USADA Board of Directors provides the organization with a well-rounded, professional, and diverse group of talented individuals. Frank Shorter worked extensively in support of worldwide anti-doping initiatives.



**MADDEN AND SHORTER** 

## 2001:

USADA was a global leader in implementing an online registration system for athletes to submit their location information via the Internet, now known globally as "Whereabouts."

The Drug Reference Line (800-233-0393) was created to provide athletes, coaches, athlete support personnel, and parents, a personal resource for understanding prohibited substances and methods based on the World Anti-Doping Agency (WADA) Prohibited List. It enables athletes to ask questions about substances (prohibited or not) to a certified pharmacist and provides a direct human connection on this topic.





USADA's Athlete Ambassador program was developed for current and/or retired Olympic and Paralympic athletes to serve as members of an advisory board. The advisory board's goal was to provide feedback for effective educational programs.





Athletes from the 2010 corps of Athlete Ambassadors, who now give live presentations, write articles, and participate in education videos to promote the ideals of clean sport.

USADA budgeted two million dollars per year for support of research related to the deterrence of performance-enhancing drugs in sports. In addition, USADA hosted its inaugural Symposium on Anti-Doping Science entitled "Oxygen Transport Enhancing Agents and Methods." More than 80 scientists, sports administrators, and IOC lab directors from 24 nations attended. This has become the preeminent annual event in the field of anti-doping science.

USADA began executing blood testing for the detection of erythropoietin (EPO).

## 2003:

A syringe containing a sample of Tetrahydrogestrinone (THG) arrived in a package at the USADA offices, sparking an investigation into the Bay Area Laboratory Co-Operative (BALCO). AP Worldstream

October 17, 2003

## **U.S. Anti-Doping Agency says** it has uncovered steroid 'conspiracy'

By ROB GLOSTER

The Coalition for Anabolic Steroid Precursors and Ephedra (CASPER), with USADA as a founding member, was formed to support legislation that would regulate anabolic steroid precursors and ephedra in dietary supplements.



Through a partnership with two Colorado Springs Boys and Girls Clubs, USADA administered a pilot project titled "100% Me, My Choices Matter," designed to equip young athletes with the knowledge and skills necessary to make responsible, ethical, and healthy choices. The program included a student handbook and DVD to enhance the 10-12 year-old participants' experience. A website was introduced (www.USADAkids.org) to offer interactive activities to accompany the program.



Endorsed and implemented by USADA, the World Anti-Doping Code (Code) was formally adopted and for the first time, sport federations collaborated to approve a policy that standardized anti-doping rules, regulations, and penalties for all Olympic and Paralympic athletes. Prior to the Code, each Olympic sport operated its own anti-doping program.



Drug Reference Online was added to the USADA website to provide easily-accessible online information on the status (prohibited or not) of specific U.S. pharmaceutical and over-the-counter products.



## 2005:

USADA's education department continued its efforts to grow and enhance the educational experience for athletes, athlete support, and youth. Some of the initiatives included: the Athletes Advantage program which educated athletes about their anti-doping responsibilities, developing and printing educational publications for athletes and educators, renewing and improving the Athlete Ambassador program, and producing four winter sport public service announcements in partnership with the USOC.

All USADA Doping Control Officers were recertified in accordance with the WADA International Standard for Testing.





USADA hosted its first education symposium, "Effective Anti-Doping Education Prevention Strategies." The symposium focused on current effective interventions as well as future strategies and research to bridge the gaps in anti-doping education. The convening groups developed the Clean Sport Alliance to promote a sports culture which valued fair play as much as winning.

## 2007:

Under Terry Madden's leadership, USADA grew from concept to reality, overcoming obstacles with diligence and integrity. After seven years and four months as USADA's Chief Executive Officer, Terry Madden stepped down and Travis T. Tygart became the new CEO.

TYGART

USADA and the Association for Applied Sports Psychology hosted a two-day Anti-Doping Congress. Its aim was to engage various organizations to collectively look at the problem of performance-enhancing drug use and to begin to work collaboratively on plans to curb future doping at all levels.



A new website, www.ThatsDope.org was launched targeting 14-20 year-old students, with the most current information about doping, athletic performance, dietary supplements, nutrition, ethical decision-making and other pertinent topics.

## 2008:

A direct test for human growth hormone (hGH) was introduced for routine blood testing. The test measured the relative amounts of different forms of hGH that are produced naturally.



USADA brought together a dozen groups from the Clean Sport Alliance and held a working group meeting. USADA felt it was imperative to work collectively with organizations that looked to change the behaviors and attitudes that influence the decisions to dope, recognizing that prevention and education must be a priority and that working together enhances the efforts and maximizes the results of all alliance members.

# partnership for clean competition

USADA, along with the USOC, the National Football League (NFL), and Major League Baseball (MLB) formed a new organization, the Partnership for Clean Competition (PCC), to fund independent, innovative, and high-impact scientific research in the anti-doping field.

USADA implemented a strategic plan for the next quadrennium, entitled Game Plan 2012, which featured a renewed mission, vision, and four main goals.

A nationwide effort, Supplement Safety Now (SSN) was created to protect Americans whose health is threatened by the consumption of over-the-counter products disguised as "healthy" supplements. SSN's mission is to urge Congress to establish a regulatory framework that ensures that all supplements are safe and effective. SSN was founded by USADA, with support from the USOC, MLB, NFL, NBA, NHL, and a host of other organizations.





The USADA True Sport Awards were launched in partnership with Discovery Education to foster clean, safe, and healthy living among youth. Awarded the 2010 Mom's Choice Gold Award, the program is a delivery mechanism through which to distribute USADA's 100% Me and That's Dope educational curricula to educators and community leaders.

## 2010:

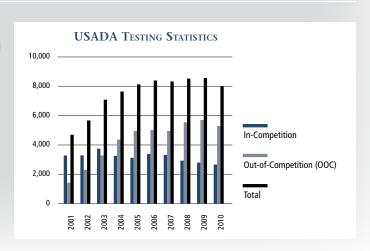
For the first time, USADA conducted an Olympic-style anti-doping program for professional boxers Floyd Mayweather Jr. and Shane Mosley in conjunction with their highly-publicized, May 2010 fight.



USADA hosted the semi-annual Association of National Anti-Doping Organizations (ANADO) workshop. This event brought together anti-doping leaders from around the world as well as U.S. federal agents to discuss the atmosphere, challenges, and new testing activities associated with anti-doping internationally.

2010 marked USADA's ten year anniversary.

Over the course of ten years, USADA has appeared in front of more than 50,000 athletes, coaches, parents, and youth, allocated more than ten million dollars to scientific research, and collected and managed the results of more than 70,000 drug tests. USADA and its efforts are known throughout the world, and the independent model is recognized as the gold standard for effective anti-doping programs.





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