## WASHINGTON COUNTY ROAD RUNNERS CLUB

ESTABLISHED 1974

MAY, 2019 Vol. 19 / No. 5 VISIT US ON THE WEB @WWW.WCRRC.COM (OR .ORG, OR NET)

## **NEWS AND NOTES**

Greetings everyone and welcome to the merry month of May. For all of those who finished the Pittsburgh Marathon races on Saturday and Sunday, congratulations on that finish. We want to send out a reminder to turn your time in if you want that race counted in the LDGP. There were too many names to go through and we didn't want to miss anyone. The easiest way to turn your time in is to go to the website and put your time in under the Submit your Time link.

We want to welcome a new member to the WCRRC, Frank Sulzer. Frank lives in McKees Rocks and has been hitting the pavement for at least 5 years now. Join me in welcoming Frank in and hope to see you at some upcoming races.

Congratulations to John Titus for completing his 41<sup>st</sup> state in search of running a marathon in all 50 states. There are at least 3 more scheduled for this year. Good luck, John.

Congratulations to Amy and John Koontz and Greg Mussitsch for completing the Boston Marathon this year. Although Amy and Greg didn't fare as well as they would have liked to, it is still a great accomplishment to cross that finish line on Boyleston Street.

And, also, a special shout-out to Sarah Donley, Rose Gray and Stan Czyzewski for already getting in two Long Distance walks.

## APRIL AT THE RACES

April really started the racing season off with a bang. There were a big number of races around and a lot of club members competing. Here are just a few of them:

## **Bucks for Bucks 5K**

The start of April led us to Houston, PA for the annual Bucks for Bucs 5K. Heath Piper was our first male finisher in 19:46, and Tina Seech was the first female and second overall in 21:15.

## Not another Polar Vortex 5K/Half Marathon

The Boston Trail had another Polar Vortex in April. Shane Brunazzi had another good turnout for both races. Gary Lorenzi was our only finisher in the 5K, and it was good to see Joe and Judy Sarver competing in the half marathon.

## National Tunnel 5K/10K

A soaking rain greeted all the participants of the National Tunnel run this year. Stu Berwick won both the 5 and 10K runs this year. In the 5K, Rich Durban was our first male finisher in 20:57 with Rich Sandala 20 seconds behind. Jen Foster was our first female finisher and first overall in 22:47. In the 10K we had Rich Sandala our first club male finisher in 46:59 and Jen Foster once again our first female in 41:49. Sarah Donley also competed in both races.

To report Grand Prix times call Tom Trettel (724) 229-0201 or e-mail <u>trettelt@comcast.net</u>. Or Grace Goffi at <u>gracegoffi@verizon.net</u>. For newsletter information or to submit an article contact Bob Pikelis e-mail r.pikelis@comcast.net.





# 5K RUN & WALK JUNE 5, 2019 | 6:30PM NORTH PARK LODGE

5000 NORTH RIDGE DRIVE ALLISON PARK, PA US 15101

## \$25 REGISTRATION

INCLUDES: BIB, T-SHIRT, MEDAL, POST-RUN FOOD

## REGISTER HERE: FLEETFEETPITTSBURGH.COM/THEBIGRUN

Fleet Feet Pittsburgh 1751 North Highland Road, Pittsburgh, PA 15241 fleetfeetpittsburgh.com | 412.851.9100

## WCRRC RACE TIMES

## **CARNEGIE 5K**

Greg Mussitsch 19:43(A-2) Mike Romzy 20:11(A-3) Rich Sandala 20:58 Larry Roolf 26:32

## WOODSVILLE ELEM 5K

Run

Richard Klempa 25:07(A-1) Doug Midcap 26:17(A-3)

Walk

Mike Turkaly 38:43(A-3) Terry Whitecotton 39:00(A-2) Blake Headen 41:09(A-1)

## HALL OF FAME 13.1M WALK

Rose Gray 3:30:57 Stan Czyzewski 4:08:41

## **BOSTON TRAIL 13.1M**

Joe Sarver 1:37:26(A-1) Shane Brunazzi 2:09:32 Judy Sarver 2:31:10(A-2)

## PIRATES 5K

Emily Sagun 20:36(A-1) Stush Sadowski 23:13(A-2) Alexandra Brooks 38:37 Mike Turkaly 40:06

## PIRATES 10K

Bob Pikelis 49:45(A-2) John Titus 51:23

## LETS PLAY 5K

Mike Turkaly 38:43(A-1)

## YOUGH 10M

Emery Strotman 1:03:26(OA-2) Rich Sandala 1:14:27(A-1)

## **YOUGH 13.1M**

Scott Harrington 2:30:38

## YOUGH 10K

Mike Melvin 49:22(OA-3)

## **BOSTON MARATHON**

Greg Mussitsch.....3:33:34 John Koontz 3:39:34 Amy Koontz 4:19:31

## **BUCKS FOR BUCS 5K**

Heath Piper 19:46(A-1)
Tina Seech 21:15(OA-2)
Rich Sandala 21:42(A-1)
Alexandra Brooks
Blake Headen 46:15

## MARTHA'S RUN 10K

Heath Piper 42:25 Emily Sagun 46:42(A-1) Bob Pikelis 47:17(A-1)

## **RUN TO BREATHE 13.1M**

Shane Brunazzi 2:03:02

## MIGHTY MIKE 5K

Rich Sandal 20:34(A-1)

## NATIONAL TUNNEL 5K

Rich Durbin 20:57(A-1) Rich Sandala 21:17(A-1) Jen Foster 22:47(OA-1) Sarah Donley 23:07(A-1) Stush Sadowski 23:29(A-2) Gary Chabala 24:34 Doug Midcap 27:06(A-3) Kris Midcap 31:29(A-2) Nick Fossum 33:56 Donna Patrina 34:17(A-2) Grace Goffi 35:19(A-3) Ed Frohanapfel 37:47

## NATIONAL TUNNEL 5K WALK

Blake Headen 37:27(A-3)

## NATIONAL TUNNEL 10K

Rich Sandala 46:59(A-1) Jen Foster 51:49(A-1) Sarah Donley 57:08(A-2)

## ATHENS 13.1M WALK

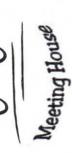
Richard Respole 3:14:32 Rose Gray 3:30:49

Stan Czyzewski		24:56	WALK GRAND PRIX(As of 5-1)
LONG DISTA Tina Seech	NCE (	30:28	Blake Headen 2 1:18:23  RABBIT RUN 5K
Greg Mussitsch	1	33:25	Heath Piper 19:10(A-1)
Mike Bruno	1	34:33	17.10(11)
Bob Pikelis	4	35:52	ALS 3M
Emery Strotman		36:37	Shane Brunazzi 22:10(A-3)
Rich Sandala	4	36:56	Share Brunazzi 22.10(A-3)
Amy Koontz	1	38:05	VENTUCKY DEDDY 26 2M
John Koontz	1	40:05	KENTUCKY DERBY 26.2M
Danielle Gonzale			John Titus 4:42:08 (41st State)
		41:21	EACHED DUNNING SY
Heath Piper	1	41:59	EASTER BUNNY 5K
Stush Sadowski	1	43:21	Tina Seech 18:51(OA-1)
Tom Carter	1	45:35	
Gary Lorenzi	2	47:08	K-TOWN 5M
John Titus	3	50:45	Tina Seech 34:11(OA-3)
Mark Hospodar	1	51:07	
Louann McCullo	ugh 1	53:50	SHAMROCK 2M
Shane Brunazzi	4	54:18	Tina Seech 13:46(OA-1)
Scott Harrington	1	57:16	
			SUMMIT 3.5M
LONG DISTAN	CE W	ALK GP	Ricky Andrews 47:27
Sarah Donley	2	1:02:26	WALK
Rose Gray	2	1:03:01	Kathy Stackey 62:00
Carl Kondrach	1	1:05:53	ramy stackey 02.00
Richard Respole	1	1:06:38	PITTSBURGH 13.1M
Stan Czyzewski	2	1:17:02	Greg Mussitsch 1:25:37
Staff CZyZewski	2	1.17.02	Heath Piper 1:34:23
GRAND PRI	V(Ass	£ 5 1)	Tina Seech 1:35:54(A-1)
			Rich Sandala 1:36:27
Mike Romzy	1	35:14	Bob Pikelis 1:41:28
Amy Koontz	1	36:16	Mike Romzy 1:44:24
Rich Sandala	4	37:30	Deb Doyle 1:53:56  Jen Foster 1:54:51
Jen Foster	2	38:37	Jonathan Garet 1:55:48
John Koontz	1	38:48	Tom Carter 2:07:57
Grace Goffi	1	39:16	Gary Lorenzi 2:16:55
Rich Durbin	2	39:17	Scott Harrington 2:26:25
Stush Sadowski	1	39:18	Brenda Rollison 2:26:42
Gary Chabala	2	40:26	Mark Hospodar 2:28:14
Sarah Donley	2	45:36	Luanne McCullough 2:30:01 Sarah Rockwell 2:32:33
Donna Patrina	1	46:16	Sarah Rockwell 2:32:33 Dave Byers 2:53:32
Doug Midcap	2	46:29	Dave Dyels 2.33.32
Nick Fossum	2	48:18	PITTSBURGH MARATHON
Shane Brunazzi	2	49:35	Danielle Gonzalez 3:29:51
Ed Frohnapfel	1		
		51:34	PITTSBURGH MARATHON 5K
Kristine Midcap	2	55:00	Tina Seech 21:15(A-1)













McDonald, PA 15057 136 S. McDonald St. c/o The Tandem Connection

Double Dipper 5K

# DOUBLE DIPPER

THE TANDEM CONNECTION Presented by RUNNING & BIKING



Wednesdays - 7:00pm Race 1: June 12, 2019 Race 2: July 31, 2019 The Tandem Connection

136 S. McDonald St., McDonald, PA 15057

McDonald Area Redevelopment Association P.O. Box 152, McDonald, PA 15057 http://mcdonaldtrailstation.com McDonald Trail Station Benefitting the

Race 1: Wednesday, June 12, 2019 Race 2: Wednesday, July 31, 2019

Start Time: 7:00PM

\_ocation:

he Tandem Connection 36 S. McDonald St. McDonald, PA 15057

imestone surface of the Montour connector trail to the Out and back. The first 1+ miles are flat, fast on the baved Panhandle Trail. Then, right on the crushed urnaround. Back to the start/finish

## Nater Stations:

Water stations will be available at the end of the race.

recreational running, using such devices in a competitive the race course by our monitors for the safety of others. determine that there is cause, you can be pulled from runners utilize iPods or other music devices for your runners because of the number of runners and the Please-no strollers; dogs; roller blades or bicycles. Please understand that while we recognize many narrowness of the trail. Please know that if we atmosphere is a safety risk for you and other

## Race Fees:

Race 2 \$15.00 Race 1 \$15.00 5K Run

SEX

FC

MD

All pre-registered by July 6th, 2019 will receive a tee with the race logo, while supplies last

## Awards 5K:

is free post race ice cream & race refreshments No awards to keep the cost down. The reward for all registered participants

## Race 1:

Featured Ice Cream Flavor: Graham Canyon

Race 2:

Featured Ice Cream Flavor: S'more Yardage



To keep costs low there will be no computer chip timing official race results based on hand time posted on The or online registration. No awards. There will be fandem Connection FaceBook page Results:

Application for: Double Dipper 5K

## Weather:

Contact The Tandem Connection - 724-745-2453

Questions:

ori Poe

We will run rain or shine, so come prepared

issued for any reason ON рĢ IIIW refunds

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AGE

MS) flubA

Race 1: June 12 / Race 2: July 31

W re)

Emergency Phone:

**PHONE** 

**3TATS** 

Date

Date

Circle Shirt Size:) Youth (S

I sign this waiver and understand that it is legally binding on Tandem Connection event for which I have registered. In consideration of the above race entries, I waive, for myself, my heirs, and assigns, all claims for damages which I have unfice might be received during the contest. I attest that I will participate in this event as a foot race and that I have sufficiently trained for this event as a result of any and all injuries which might be received during the contest. I attest that I will participate in this event as a foot race and that I have sufficiently trained for this event as a finite of any appear for any inguinate.

Circle Date(s)

MAKE CHECKS PAYABLE TO: The Tandem Connection for total of event chosen and mail to:

Parent (If under 18 years old)

Signature

**LIAM3** 

**ADDRESS JMAN** 

Date of birth

**CITY** 

Emergency Contact:

The Tandem Connection 136 S. McDonald St. McDonald, PA 15057

# ONE ENTRY PER FORM (Copies of form may be made) **ENTRY FORM**

irst Name	ast Name_

Mailing Address

State.

E-mail

Zip

Phone number.

Σ Gender Age as of 6/1/2019.

Phone # EMERGENCY Name\_ CONTACT

# RACE PREFERENCE

BY LATE DAY MAY 30th MAY 31st~JUNE 1st \$12.00 \$10.00 1 Mile Children under 12 circle one) RACE TYPE

\$12.00 \$18.00 \$20.00 1 Mile 12 and over 2 Mile Run 5 Mile Run

\$15.00

\$20.00

\$25.00 **TECH SHIRT SIZE** 

2XL or 3XL 52.00 Extra (please circle one) Σ S

Womens Cut

Youth

XL 2XL 3XL From Alex With Love Mail Entries to: Unisex

Eighty Four, PA 15330 Makes Checks payable to From Alex With Love 101 Ridge Road

# You must sign waiver to participate

WAIVER AND RELEASE

named in this waver. I agree to abide by any decisions of a race official relative to my ability to safety participate. I assume all risks associated with participating in the 1 Mile. 2 Mile or 5 Mile challenge, including, not limited to, falls, and contact with such risks being known and appreciated by me. I aftest and verify that I will participate in this event as a race entrant, that I am physically fit and sufficiently trained for the competition of his event, and that my physical condition has been verified by a licensed medical doctor. Further, I hereby grant full permission to any and all of the aforementioned parties to use my mame, likeness, and volce as well as your photographs, videotose, notion pictures, recording, or any other record of this event in which I may appear for any picturinate purpose in advertising and promotion for such broadcast and reuse. (If under 18 have a parent or legal quardian sign this release) In consideration of acceptance of this enby, I the undersigned, intending to be legally bound hereby, for myself, my heris, executors, and administrators, waive and release any and all rights and claims for damages I may have agains the Bentleyville Borough, from Alex With Love Foundation, and any other sponse and their representatives, successors, and assigns, for any and all claims or liabilities of any kind arising out of my participation in this event, even though that liability may arise out of negligence or carelessness on the part of the perse

Eighty Four, PA 15330 101 Ridge Road From Alex With Love



a non-profit charitable foundation which awards scholarships to local High School The From Alex With Love Foundation is students and provides support to families in need.

The From Alex With Love Foundation is a non-profit charitable foundation which awards scholarships to local High School students and provides support to families in need.

Over \$5,000 in scholarships will be awarded in 2019. For a complete list of endeavors supported by Alex's Foundation please check our website:

www.FromAlexWithLove.org

# WHEN June

June 1, 2019

Bentleyville Social Hall HERE 900 Main Street Bentleyville, PA 15314

ME Races start at 9:00am

PACKET PICKUP AND LATE REGISTRATION
AT THE SOCIAL HALL

Friday May 31st 6-8 pm

Saturday June 1st 7-8:15 am

Contact Jim Loos at: 724-239-2785 or

jimloos@fromalexwithlove.com for more details Tech Shirts Guaranteed
IF REGISTERED BY MAY 10th
(Subject to Availability After May 10th)

Awards to Top 3 overall Male & Female runners in each race. Numerous age categories (See Website for Details)



FIVE MILE
RUN
Moderately challenging
course through beautiful
countryside beginning
and ending on Main
Street in Bentleyville

5 MILE RECORDS
Male Brandon Gillingham
27:41 2012
Female Anna Beck
29:55 2011

10

## TWO MILE

An out and back run along part of the 5 mile course 2 MILE RECORDS Male Kevin Gregg 10:07 2012 Female Laura Mucho

## ONE MILE

11:45 2012

An untimed event for the individual who wants to support this wonderful event but does not wish to compete. It is ideal for families and is stroller-friendly!

MAIL ENTRIES TO: From Alex With Love 101 Ridge Road Eighty Four, PA 15330

# Online Registration At

www.FromAlexWithLove.org
OR www.runsignup.com/runforalex





Contact Jim Loos at: 724-239-2785 or jimloos@FromAlexWithLove.com for more details

## Register By May 30th

# For A Chance To Win a Smart TV



Must Be Present To Win

The "Run For Alex"



All proceeds from the race will go to the From Alex With Love Foundation

## REGISTRATION: Online:

www.runsignup.com/race/ pa/canonsburg/whiskeyreb ellion5krunwalk

## **EARLY**

## \$ 25.00 run or walk

- Through July 2<sup>nd</sup> online (processing fee included)
- First 500 registrants quaranteed a T-shirt
- ❖ Mail-in by June 24th

LATE (after July 2<sup>nd</sup>)

## \$ 30.00 run or walk

- July 3<sup>rd</sup> 5-8 pm at Canon McMillan Stadium
- July 4<sup>th</sup> 6 am 7:15 am (stadium)
- Strongly encouraged to register the 3<sup>rd.</sup> Leave extra time if registering July 4<sup>th</sup>.

NEED MORE INFORMATION?

CHRISTINE MCGEE

Whiskeyrebellion5k@yahoo.com

412-491-0739 cell

35th Whiskey Rebellion c/o Cindy Keelon 1116 Centennial Drive Canonsburg, PA 15317

## 35th Annual Whiskey Rebellion 5K Run & Walk



## Thursday, July 4th 2019

Run / Walk 7:30 am

**Canon-McMillan Stadium** 

Proceeds benefit the Canon-McMillan Cross Country Team.

USA Track and Field Sanctioned
Chip Timing by Miles of Smiles



## JOIN US FOR THE

## Race!

Look for samples, giveaways, view new products, and get advice on health & wellness. Post- race food for racers.

## RACE DETAILS:

- Rolling course through the streets of Canonsburg prior to the parade. Race begins and ends at Canon McMillan Stadium, 1 North Jefferson Avenue, Canonsburg, PA 15317
- Race Thursday July 4<sup>th</sup> 2019
   7:30 am run / walk (line up at 7:20 am)
- Plan ahead for PARKING. Small lot off Jefferson Ave will not be available. Alternatives: Parking lots on either side of South Central Elementary School and various side streets around stadium. Parking along tracks. Allow extra time for parking.
- \* Results on WWW.SMILEYMILES.COM
- We ENCOURAGE the use of online registration. Register at runsignup.com/race/pa/ canonsburg/whiskeyrebellion5k runwalk

THANK YOU TO OUR SPONSORS, COMMUNITY, AND VOLUNTEERS WHO MAKE THIS POSSIBLE.

PLEASE SUPPORT THOSE BUSINESSES WHO ARE SUPPORTING US AND GIVING BACK TO THE COMMUNITY!

## AWARDS:

- Top 3 Men and 3 Women overall Run, Walk- Westerwald Pottery
- \* RUN- 11u,12-15,16-18,19-24,25-29,30-34,35-39,40-44,45-49,50-54,55-59,60-64,65-69,70+, HVYWT
- **❖** WALK- 12u,13-19,20-34,35-44,45-54,55-64,65+

## PICKING UP BIBS, T-SHIRTS:

- July 3 Canon McMillan Stadium 5:00 pm - 8:00 pm
- July 4 Canon McMillan Stadium 6am -7:15 am
- Late registration participants will receive a bib and MAY (if any are left) receive a T-shirt when they go through late registration July 3rd 5-8pm or 4th 6-7:15am at the stadium.

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Good Luck and Have FUN!

## **2019 WHISKEY REBELLION ENTRY FORM**MAKE CHECKS PAYABLE TO: *CMCCB*

NAME:
EMAIL
@
PHONE:
ADDRESS:
CITY:
STATE: ZIP:
WALK: RUN: AGE: (on July 4) M or F
SHIRT SIZE: S M L XL XXL
HEAVYWEIGHT (210+) CMXC ALUMNI?
I attest that I have <b>read</b> and <b>agree</b> to the <u>USATF Waivers</u> & run sign up on the main race page at <u>www.runsignup.com/race/pa/canonsburg/whiskeyre</u>
bellion5krunwalk by signing below
SIGNATURE (GUARDIAN IF UNDER 18):
SEND TO: 35 <sup>th</sup> ANNUAL WHISKEY REBELLION, C/O CINDY KEELON, 1116 CENTENNIAL DR, CANONSBURG, PA, 15317
Once registered money is non-refundable. Under rare adverse conditions we reserve the right to reschedule race.

Whiskey Rebellion staff use below Processed by

BIB # PAYMENT INFO



## Hit The Trail Community 5K Run

## Sponsored by the PTXC Boosters

Date: Saturday June 15, 2019, at 9:00 a.m.

Registration: 7:30 to 8:45 a.m., Peters Township Community Recreation Center

Course: 5K (3.1 mile) paved/crushed limestone, loop course, water stops, USATF-sanctioned.

Prizes and Awards: Top 3 male and Top 3 female overall, first place in each age group by gender

**Special Categories:** Couple Parent/child · Siblings · Team (4 or more runners)

Special Category Rules - All Special Category entries must be submitted together. Limit one Special Category per person. Age Groups: 10 & under 11 & 12 13 & 14 15-19 20-29 30 - 39 40 - 49 50 - 59 60 +

**Entry Fee:** \$20 if returned to Peters Rec Center or postmarked by May 24, 2019 (pre-registration). \$25 after May 24, 2019 **T-Shirts:** Distributed on race day (while supplies last) Pre-registered participants guaranteed a t-shirt.

Sponsorships & Other Questions, email: ptxcboosters@gmail.com
Online Registration: https://runsignup.com/Race/PA/Venetia/HitTheTrailCommunity5KRun

## 2019 Hit the Trail Community 5K Registration Form

Name:	7.40	_ Age:	Upt.	D == /			
Address:	P		016	1/5	1.7	PA	
City: Sta	ite:	Zip Code:				7	11.
Email:	- 4	Phone:_		A		B) 4	1/1/A
Gender: Male or Female (circle	one). Specia	al Category (if	team, specify	team nan	ne):	9///	
T-shirt size (check one) : YS (6-8	) YM (	10-12)	′L(14-16)	S	М	1/2/	XL

Payments and registrations may be mailed or dropped off at the Peters Twp. Recreation Center Front Desk: 700 Meredith Drive, Venetia, PA 15367 \*\*Cash or checks only (Checks made payable to PTHS Cross Country Boosters). Online registration also available (see link above).

WAIVER: By signing, I hereby for myself, my heirs, executors, and administrators, waive and release any and all my rights and claims for damages I may have against the PTHS Cross Country Booster Club, Peters Township Park and Recreation Department, the area schools, their agents, representatives, or successors for any and all injuries that might be suffered by my child in the program. In case of emergency, it is our procedure to call 911. If necessary, they dispatch an ambulance to respond to the emergency. Parents/guardians are immediately notified as soon as is practical (usually prior to emergency assistance). I understand that the program provides no medical coverage for participants. I also release any photos that may involve the above signed participant.

Signature	narent	must sign	if	under	181
Sidnature	Darent	must sign	11	under	101

## 6 Unexpected Ways to Recover Faster

## By Greg Kaplan

Most of us already know about standard preventative and recovery methods like stretching, foam rolling and, of course, rest days. However, there are a few novel and innovative recovery tips that are just as effective in helping you get ready for another hard session on the bike.

## **Topical Lotions**

Is the secret to better recovery in your pantry? In the late '70s and early '80s athletes began mixing sodium bicarbonate (baking soda) with water and drinking it, as a buffer to neutralize muscle acidosis and balance pH levels. But ingesting products with NaHCO3 frequently causes major stomach issues to the point where only a handful of pro cyclists are willing to use. Now there's an alternate way to receive the same benefits without the GI

Performance & Recovery Lotion utilizes a patented transdermal technology that absorbs directly through skin, so you can push harder and recover quicker to do it again the next day. Simply apply directly to working muscles before kitting up for a ride, run or workout and the formula will work to cause less muscle burn during hard efforts. More significantly, research showed more than a 50 percent decrease in post-workout muscle soreness, which means the ability to recover faster.

We tried Topical Edge prior to a 100K road race—the same race we suffered severe cramps in last season—and were able to ride to the point of exhaustion with zero muscle issues. Heck, we even had enough left in the tank for the sprint finish.

## Self-Massage

Self-massage tools are easy to come by and easy to use. The best part? To master myofascial relief, you don't necessarily need a foam roller. Instead, check around your house for sphere-shaped objects that will really dig into your muscles. If your day job requires a lot of sitting, bring a golf ball and roll out the bottoms of your feet during the day, or use a tennis ball to work out kinks in your hamstrings or upper back. Need to roll out your calves? A rolling pin will do the trick.

Similar to an ice bath, cryotherapy can be used to enhance recovery. Here's how it works: Instead of immersing yourself in chilly water, cryotherapy protocols include standing for two to four minutes in a chamber with air that's been cooled to -250 degrees Fahrenheit. But the benefits don't really start until after you leave the chamber. As your body begins to warm back up, blood flows back through your body in what is called "vasodilation," helping to reduce inflammation, repair muscles more quickly and cut down on pain.

## Acupuncture

The body releases endorphins—a natural painkiller—when disposable, hair-thin needles are inserted into acupuncture points. These endorphins provide rapid, often long-lasting relief and increase not only the quantity of blood to these areas but the quality as well.

For cyclists, acupuncture needles inserted around the knees, lower back or other common ailments can help loosen tight or sore muscles before your next ride. Meanwhile, our running counterparts may want to focus on treatment around the lower legs or upper back.

## **Compression Gear**

Recent research has indicated that using compression gear to help recovery may be even more beneficial than taking an ice bath.

Compression works by limiting fluid buildup and swelling and the resulting discomfort from pressure. Wearing compression gear may not prevent all post-workout aches, but it could limit some soreness and help speed recovery before your next training session.

## Cupping

Do you remember seeing large, circular discoloration on the skin of Olympic athletes? That's from cupping therapy. Although the bruising looks like it could be painful, it's not. Cupping is used to lift connective tissue to allow blood to flow to stagnant skin and muscles, expediting the recovery process.

## Cryotherapy

## WCRRC "One of the areas oldest and largest running clubs" Established 1974

(Please check one)	New Member	Renewal
	(Please print)	
Name(s)		
Address		
City		Zip
	Date of Birth//_	Age Sex
Email Address		
Additional family members		
Years Running or Walki	ng?Willing to help at club e	vents?
Yearly Dues: \$15.00		
Mail application and payment	to: WCRRC 1427 Willowbrook Drive Washington, PA 15301	

All information given is for the club's records and will be kept confidential.

Washington County Road Runners Club 1427 Willowbrook Drive Washington, PA 15301