



### **USCA INSURANCE AVAILABLE**

For USCA Club Affiliates, Business Affiliates & Race Sponsors

Having a race or cruise?

Need Liability and Participant Accident Insurance?

### Get it from the USCA!

A non-profit organization dedicated to serving its members

Excellent Coverage & Rates Available

For clinics, clubs, river clean-ups, cruises, races, and more Year round club liability coverage

Join the USCA and have access to the USCA Insurance Program

Go to the USCA Website www.uscanoe.com and click on: USCA Member Benefit – Event
Sanctioning & Liability Insurance
Please contact USCA President Rebecca Davis for USCA requirements
for an event to be sanctioned.

Contact: USCA's Insurance Administrator

Holly Sackhoff, Specialty Insurance Consultants, LLC

316-558-5181 or 844-558-5181

hsackhoff@outdooric.com



### **Executive Committee**

**President:** Rebecca Davis 22940 H Dr S, Homer MI 49245 517-227-4794 canoe\_run\_ski@hotmail.com

**Vice President:** Larry Latta 1188 Broken Bow Ct, Westerville, OH 43081-3262

614-882-1519 latta1013@aol.com

**Secretary:** Joan Theiss

12802 Lake Jovita Blvd, Dade City, FL 33525-

8265

352-588-9877 hjtheiss@juno.com

**Treasurer:** John Edwards

1929 Arrowhead Dr. NE, St. Petersburg,

FL 33703-1903

727-459-6366 canoechamp@aol.com

\_\_\_\_\_

### **Canoe News**

**Editor:** Steven Horney/**Asst. Ed:** Julie Horney 15806 Timberwillow Dr, Huntertown, IN 46748 260-452-6447 *soarer\_270@yahoo.com* 

**Advertising:** Scott Stenberg 3232 Jugg St, Moravia, NY 13118 315-406-4692 owascolake@gmail.com

**Printing and Distribution:** Steve Rosenau 105 Waterford Dr., Mt Holly, NC 28037 704-483-4130 *sar4130@gmail.com* 

#### From the Editor:

The 2017 Nationals are now past, but the memories will last a long time. While the attendance was a little lower than last year, the competition was just as fierce. And the camaraderie was just as wonderful! The Mississippi River created a unique and very cool venue for our Nationals. The island (and the area in general) was very pretty and being on a storied river was awesome, but as always it was the people who really made the event superb! Join us in this issue as we recount the action of the 2017 Nationals in story and photos.

Keep paddling strong!

Steve

Front Cover: Mike Davis leading the pack in C1 Man at the 2017 USCA Nationals. Photo Credits for Front and Back Covers: Richard Hodgkins

**Disclaimer:** Opinions and/or advice expressed in this magazine by individuals, whether or not they are officers of or delegates to, the **United States Canoe Association**, are personal and do not necessarily reflect the official position of the **United States Canoe Association**. Publication by the **United States Canoe Association**, whether in print, online, or in any other form, does not imply endorsement.

Canoe News is the official publication of the United States Canoe Association

Supporting a Five Star Program: Camping, Camaraderie, Cruising, Conservation, and Competition

TITITU IIGOON OO OOM

www.uscanoe.com

## **CONTENTS**

### **FALL 2017**

### Inside this issue:

View from the Stern	<b>5</b>
Catalina Crossing 2017	6
Wanna Get Away?	11
Losing Your Cookies—2017 Nationals	16
USCA Nationals—Results and Photos	19
Wednesday Eco-Orienteering	21
Thursday: Sprints	22
Friday: Marathon	25
Saturday: Marathon	29
Sunday: Marathon	33
State Points—USCA National Marathon Championships	<b>3</b> 7
A Profile of Endurance: Paddle Sport Athletes and Performance	38
USCA Membership Application / Renewal Form	43
USCA Officers, Delegates, Chairs, and Affiliates	44
Canoe News Advertising Rates, Corrections, and Photo Release	46



#### VIEW FROM THE STERN

#### USCA PRESIDENT REBECCA DAVIS

The 2017 racing season is coming to a close, at least for those tent and usability, and of us in the northern regions. It is the time to evaluate how our seasons went, where we can improve, and what we did well. As I look of my own season, the UCSA Nationals was one of the highlights of the summer. I love seeing paddlers from all over the country get together and race the distances that are most familiar. Dubuque was an excellent host town, with beautiful parks, a great event venue close to camping and hotels, and a charming downtown to explore. A few new faces joined us at the races and a full slate of youth racers gives us hope that our organization can change and grow.

As we close out this season it is also a time to explore our value and flaws as the United States Canoe Association. Over the past year we have found some unity in working through our problems, something I was very thankful for at our summer meeting. We have had several venues show interest in hosting Nationals in the coming years. We also dealt with challenges when it came to our insurance program being handed over to a third party to reduce our volunteer obligations- something that needed to happen, but hasn't gone as smoothly as hoped. Our website is making progress, but definitely not where it should be in

terms of updated conthat must be fixed for the 2018 season.

Going into the fall, the USCA will

have some new volunteers stepping into key positions. Harold and Joan Theiss are both stepping down as Membership Chair and Secretary respectively. Membership chair will be assumed by Lynne McDuffie and our new secretary will be voted on at the January meeting. Don and Barbara Walls also plan to step down as Nationals Coordinator and Awards Chairs. These four members have put in countless hours over the years to keep the organization running in accordance to our bylaws, for which I am greatly thankful. This also means there are opportunities for new people to take responsibility and shape the direction of our organization in the coming years. If you are interested in filling any of these positions, please be in contact with me at canoe run ski@hotmail.com. Also, any recommendations or changes for the bylaws and rules and regulations need to be submitted by October 15 in order to be included on the agenda for January's meeting.

As I enter the next phase of my canoe preparation, I will take a few weeks to have fun- which of



course includes some paddling, but also some biking, hiking, and traveling. Then I will begin to focus on strength training. It is probably my least favorite part of my training cycle, but the most beneficial in terms of getting the best bang for my buck. Running hills, and weightlifting will be regular parts of my days. I also notice the more I strength train, the more important it is to stretch each day, even if only for five minutes. Even with all of this time spent reflecting and preparing, the best part of fall is enjoying the changing seasons from the seat of a canoe. Time with friends floating down the many Michigan Rivers, cooking, and camping in the outdoors just can't be beat!

### **BACK TO OUR ROOTS!**

The 2018 USCA Annual Meeting will be held January 12-14 at Turkey Run State Park in Indiana - where it all began 50 years ago! Come join us in setting the course for another 50 years of paddling adventure. Contact Rebecca Davis for more information.

# CATALINA CROSSING 2017

#### **REBECCA DAVIS**



The weekend after Labor Day has always been one of canoe racing in the Davis household, and for the last few years that has meant a trip to California. Why California? For the Catalina Crossing, of course! The Catalina race is a nine-man team, six person outrigger canoe race between Newport Beach and Catalina Island, roughly 30 miles. The ladies paddle out to the island on Saturday, and the men paddle back to the mainland on Sunday. After a bit of trial and error, Mike and I have decided this race is the most lo-

gistically possible outrigger race, plus the course is friendly to marathoners with relatively calm seas both ways.

This year we were both excited about our teams- a good mix of experience and energy. We race under a club from San Francisco- Hui Wa'a. Racing under an established club comes with many, many perks. First, we have an excellent coach in Hui Wa'a's Mike Martinez. He has guided over 25 crossings, and talks us all down from our fears of sharks, or the ocean in general. He is the calm and

steady in a race full of surprises. He decides what the teams should be, when we should switch our paddlers, and how to put our absolute best effort in for the final kick. Hui also provides a nice unlimited (read fast) outrigger for us to race, with foot braces AND covers. This is not a given, so we feel quite lucky. Only one boat is needed for our two teams because we don't race at the same time which is a huge bonus for logistics.

Along with the canoe, Coach Mike lines up a support boat and driver, and ours is Russell. Russell is the savior. When I jump into the water after a shift in the boat, Russell is an arm's length away as soon as I come to the surface. He drives his boat like a master, and keeps our canoe online with the currents and GPS, while keeping all of the racers safe, even in rough conditions. Finally, Hui Wa'a gives us the key to a successful Catalina Crossing: our steersmen. The steersman typically race "iron" and stay in the whole race, while all other members switch in and out for different legs.

For the women we have Margaret Caudle. She is a San

es both teams on and off the water. She makes sure we have a place to stay, a spot at our favorite Mexican restaurant after a hard day of racing, and she can seriously steer the canoe. She has a sixth sense for where we should be heading, even when all I can see is open ocean. If I am ever unsure of what to do, or where to be, I just stand next to Margaret.

The men have the yin to Margaret's yang in Mike Ng. Mike has a huge amount of outrigger experience and is probably the coolest person I have ever met. Doubt me? Well, he is the guy surfing on the bottle of Old Spice- that's the level of cool we are talking about. This guy can feel the waves and read the ocean. For the women, Mike is the one that really brings us together as a team- working on water changes, timing, pushing to pass that final boat, etc.; he is the little voice in our heads telling us how to race.

The rest of the teams are a rag tag bunch of marathon paddlers from all over North America. Amy Solak (MI), Deb Bauer (WA), Kathy Palzewic-Jensen (MI), Roxanne Barton (MI), Emma Ellsworth (MA), Gloria Wesley (MA), Edith MacHattie (SK), and I are the women's crew. Mike calls us "Rocky"- we look pretty



good until you put us next to Ivan Drago (the Cali teams), then we look undertrained and undersized. However looks can be deceiving and I know that our team is a scrappy one. This year the men's team is what I consider to be a team of giants- Mike Davis (MI), Trevor Robinson (SK), Nick Walton (MI), Christophe Proulx (QC), Weston Willoughby (MI), Logan Mynar (TX), Kyle Mynar (TX), and Rich Lauth (MI). Mike Martinez was so happy to see all of the tall, lanky paddlers with long arms that we were able to assemble, hoping to improve on last year's finish and crack the top ten.

Saturday morning, the day of the women's race arrives and there is a nervous energy throughout the team. Our women's team is good at paddling, but not at water changes. What is a water change? The three "extra" paddlers jump into the water, the canoe paddles up, and three paddlers jump out while simultaneously the three extras climb into the canoe. Good men's teams can make a change in two strokes... our team was lucky to get all of the ladies in the canoe in less than a minute. Coach Mike and Mike Ng decided we could paddle 30-35 minutes between changes (so most of us paddled an hour straight), which would really minimize the number of changes in the race. We also approached our changes with a new strategy. Instead of trying to maintain boat speed with three ladies paddling and three ladies struggling to get

in, we would plan on stowing our paddles and pull the women out of the water if needed and then do a "race start" after everyone was in the boat. We noticed in practice that this made our change outs significantly faster.

I made the starting line up in seat 5, or "second stern." I help Margaret with any last minute steering from boat wakes or choppy water that will grab the ama (the outrigger) and make us unstable. This is a long shift because paddlers aren't allowed to change for the first 30 minutes of the race, and we went longer to hopefully gain on the other changing teams. We had a great start off of the line, but quickly fell back to 11th or 12th place. Soon the support boats were zooming in close as other teams made the first change. This caused quite a bit of turbulence, but after 10 more minutes we were chugging along and finding our rhythm. Coach Mike called for the first change so I prepared to jump out. The first time jumping in the water is always a bit nerve racking, but when Margaret called for us to stow our paddles and jump, I didn't hesitate. As soon as I popped up I saw the support boat and climbed on-just in case there were any sharks in the area. I looked to the canoe, and all of the girls were paddling! This was a great water change for us. For the next half hour I refueled with water, Gatorade, cookies, peanut butter sandwiches, and fruit, waiting to be called for the change.

Coach Mike calls for another switch and I am up. I jump off the side of the support boat, and line up with the other two women, so Margaret will have an easy time steering towards us. As the boat nears everyone stashes their paddles, and we reach for our marks- these little yellow dots showing us where the cockpits are. I make one big push and I am in with no problems, what a relief! We all grab our paddles and start up, another good change. This time I am in seat 2 or "second bow". The most important job in this seat is to follow seat 1 perfectly, which is tricky because I can't actually see their stroke. Once I start feeling comfortable, another change is called and a new person hops into the bow, and the matching process begins again. As a team, we really start to find our rhythm with Mike Ng walking us through our pushes and switches to maximize our glide. We have put distance on the teams behind us, and are paddling mostly alone in 6th place. Cool Mike warns us to not let up as the next team back always makes a big push the last hour.

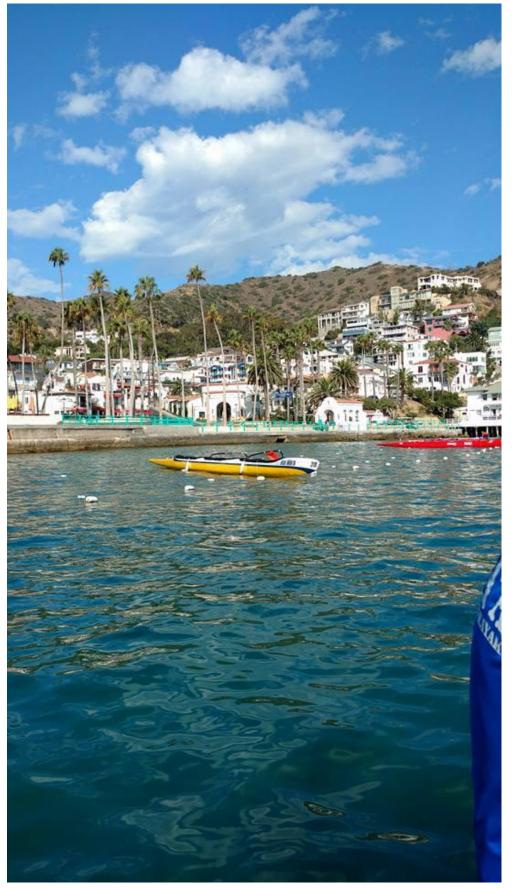
One more rest and my final shift is back to seat 5. I can feel the fatigue of the race setting in and I just want to put my arms down, but knowing that we are close to the end I push through. My number gets called again and I am out for the finish, but at this point it is a relief. A mixed team that caught us after starting ten minutes back was battling to pass

us in the last ten minutes, and our team wasn't giving up. Cool Mike kept reminding us to have efficient switches and keep pushing, we could hold them off! As we near the finish, the mixed team loses control and hits our ama, a dangerous situation especially with the men using our boat the next day. Our team quickly backs up and takes off again, just barely edging out the mixed team for an exciting finish! We held on to 6th place.

After the race all of the women clean up, get together, and go out for a fun evening on the island. Margaret lets me know that I will be riding the support boat for the men-filling the position of "Cool Mike." I had never been asked to do this before and was ecstatic.

Sunday Morning the water looks calm as I climb onto the support boat. Coach Mike, Russell, and Kathy are there, as well as the three guys who are out for the start. We watch the race take off from a distance, hoping that our team is in the top 10. After 20 minutes, we spot them in  $8^{th}$ place, behind the Tahitian master's team! At 30 minutes we zoom over to them with encouraging words, preparing for the first change. The conditions have turned choppy. Cool Mike isn't happy with how the ama is riding as the wind waves are from the left side, causing it to bounce off of the water. The guys going in on the change are warned to keep weight on the ama side when they change is called and the men get right in with no need to stop. They look like pros, even though

get in to keep the boat stable. The some of them have never done it before. As we load the swimming guys onto the boat, our elation turns to despair as we watch our



team *huli*- outrigger term for "tip ing, they secure 10<sup>th</sup> place. The over."

The first thing to do when the canoe capsizes is to count people, then grab the paddles and bailers. That is done quickly and the Mikes begin coaching on how to right the boat. Once the ama is flipped back over the six guys jump back in and are off-they lost six spots and are now 14th. Nick is in seat 3 and begins bailing water to aid the mechanical pump. The plan was to have a change every 13-15 minutes for the men's team, but we are gun shy with the choppy conditions. After another 30 minutes I finally convince Coach Mike to call a change and my Mike and Rich climb on to the boat. Not realizing they were going to be in for an hour or more, they were spent. We rushed to get them refueled and started calling short changes again. With these shorter pieces our teams seemed to be revived, and we climbed up to 10-12th place. It was hard to tell exactly where we were as all the teams were spread over a mile across the ocean. We would know where we were when we hit the canal for the last three miles of the race.

Mike and Rich go in for their last change knowing that they wouldn't be paddling the canal due to their long shift in the first few hours that left them drained. The whole team pushes hard as they near the entrance, trying to pass any last teams that they could. With everyone pushing, they secure 10<sup>th</sup> place. The finishing team goes in and digs deep for the final 25 minutes.

Once we are in the canal our team is confident in the flat water and they do gain on the two canoes in front of them, but are unable to make the pass. The finish horn blows and the team is happy with the 10<sup>th</sup> place finish, but ready to go back for next year and show their true potential.

After the race both teams meet up to load the canoe for its journey north, and then head to the awards party to celebrate. The party is on the beach with live ukulele music, a cookout, beer tent, and vendors selling all sorts of paddler goodies. I can definitely tell that I am not in Michigan anymore and soak up the atmosphere. Everyone leaves with a smile, a trucker hat, and a sun tan. It always feels like the

end comes too soon as we load into cars and head for the airport, promising to see each other next year.

# NATIONALS BIDS NEEDED!

We need bids for the 2019
USCA National Marathon
Championships and the
stock Aluminum National
Championships. Bid applications for each championship
will be available from the
USCA President, Rebecca
Davis.

Email: canoe\_run\_ski@ hotmail.com or call 517-227-4794. Bid applications need to be returned to the President no later than December 1, 2017.



Canoe, Kayak and SUP races for youth and adults all over New England

### **Hosts of the 2016 USCA Marathon Nationals!**

## WANNA GET AWAY?

#### **PETER HEED**

How To Drop A Boat Riding Your Wake and Not Get Dropped!!

The race is on! You and your partner are feeling strong and you have been riding with a pack of good canoes. Although every team takes a turn pulling, you and your partner seem to be putting in the most effort. It has been good for a while, but now it is time to get away - time to make a move and drop the boats that are riding you. Perhaps the race is approaching the finish; perhaps you want to make a move to bridge up to the next canoe ahead; perhaps you just want to drop the canoes that are beginning to tire and just hang on to you. It is a critical time in the race. These tactical situations, or ones similar, are encountered countless times during marathon canoe/kayak races. So what to do? How do you get away?

### **Dropping The Opposition**

There are many techniques and strategies for dropping a canoe or canoes that are hanging with you riding your wake. Although there is no one right or wrong way to accomplish this, there are certain basic moves which you can master and adapt to a wide variety of competitive conditions. There are three fundamental concepts to understand and utilize in order to drop a canoe or kayak riding your wake:

- Changes in speed
- Changes in direction
- Changes in paddling conditions (shallow water, suck water, waves, buoy turns, portages, river obstacles, sharp twists and turns, etc.)

### The Need For Speed

The most important factor in dropping a canoe off your wave is speed, or more precisely, the ability to change speed. Whether in deep water or shallow, you need to develop the skill of quickly accelerating a canoe from one speed level to a higher speed level. A dramatic change in speed makes it difficult for teams riding your wake (either side wake or back wake) to stay with you - not only because you are suddenly going faster, but also because

your speed change makes the size of the wakes you are creating significantly large (higher). Done correctly, teams riding your wake will be challenged not to get dropped. At best they will likely fall off your first wave. Even if they hang with you, they will be working very hard. Either way, it will be good for you and not so good for your competitors.

To be competitive in the sport of marathon canoe/kayak racing, you must constantly hone your skills at accelerating your boat. Endurance, of course, is fundamental to marathon canoe and kayak racing. However, the ability to quickly accelerate your canoe or kayak is what separates the upper level paddlers from the mid-packers. At any race you will note that most of the competitors can paddle for a long time at a good steady pace. Yet it is the teams that can repeatedly accelerate - attacking again and again - who usually wind up with the medals.

On some occasions it may only take a short sprint to drop a competitor. This often occurs in shallow or suck water conditions. Once you have quickly put your opponents back two or three waves, you can usually dial down your effort and stay out ahead. In situations involving deeper water,

ation, being able to crisply and efficiently increase the speed of your canoe is key to being able to utilize advantageous opportunities that present themselves to your "usual" 30 seconds, recover very briefly and then suddenly attack again without the normal rest gap.



Peter Heed and Michael Fairchild battling Don Walls and Dale Burris at the 2017 USCA Nationals. Photo courtesy of Hansel Lucas.

it may be necessary to utilize interval sprints or a longer massive grind to get your opposition off the wave.

During a typical sprint attack, keep your eye on the opposition's bow. If their canoe starts to go backwards and "bow up" on your wave, it's the signal to keep hitting it hard. They are indeed falling off! Additionally, if you sense the opposition struggling to prevent being pulled into your boat, it's a good time to keep the hammer down. When your opposition is struggling, do not let off the gas until they have completely fallen off your wave. Whatever the situ-

drop competitive teams from your wake.

One effective attacking strategy is to do a series of brief interval sprints and rests, so that you get your competition into anticipating your "rhythm." Just as soon as they have figured out that you are going to be sprinting for 30 seconds and resting for 30 seconds, change the pattern. Try going hard for a significantly longer period of time in the hopes that your competition will automatically and subconsciously begin to ease off after 30 seconds. Another technique is to suddenly shorten your rest intervals. Sprint for

Quick and smooth acceleration is the key ingredient to all of this. One of the best ways to develop the skill of suddenly and dramatically changing speeds is to practice a series of "jumps" (i.e. shorter interval sprints) during your training. It is imperative to be able to accelerate your boat from a fast cruise to a "take no prisoners" sprint within two or three strokes. You want to be able to catch your competitors unaware. The goal is to get the jump on them before they can react and cover your move.

## **Using Race Course Features** - Shallow Water and More!

One of the first lessons any canoe/kayak racer learns is this: all water is NOT created equal. Shallow water and suck water, is where the "tough get going." No single element in canoe racing makes a greater difference to the ultimate outcome than shallow water. The disparity between teams which are capable of dealing with shallow water and those which are not is dramatic. Most importantly, shallow water causes major difficulties for boats attempting to ride your wake. Due to the shortened wave length and larger (higher) waves created by racing through shallow water, it is a much less forgiving environment for wake riding. This is particularly true for a stern-waking canoe team, which will feel as if they are plowing into the big wave in front of them and will be encountering the dreaded "uphill" position. The result? They get dropped. Boat separation occurs quickly. It is backwards time for your competition!

So if you want to drop a canoe or canoes off your wake, there is simply no better place to do it than shallow water. If a shallow water section of the course is approaching, get ready to sprint! It helps tremendously to be the first team in your pack to initiate the sprint. Get a jump on your competition. You can usually find this type of shallow "jump water" on the inside (near shore) of sharp turns. The combination of the turning radius and the shallower water will provide you with a good opportunity to attack and drop a wake riding team, whether that team is on your side wave or back wave. Once your competitors go "bow up" and fall off the wave, keep the pressure on so they do not have an opportunity to counterattack. This can work particularly well when you are paddling with several boats and wish to drop the weakest team. A tight turn with shallows, combined with crisp acceleration, can effectively split the group. You can then ease off until the strongest of the teams come back. Then

work cooperatively with that team, leaving the others behind!

Approaching a portage is another good time to attack. Teams will generally back down their intensity as they prepare for an upcoming portage. If you are able to transition well, significant gaps will likely open. Once you put back in the water after the portage, it's another opportunity to quickly accelerate. Either your competitors will fall back, or they will work very hard trying to close the gap.

Deepwater and long straight river sections are going to require a bit more creativity to get a team off your wake. The problem here is that the deep water waves which are created by your canoe are relatively easy for your competition to ride. They are evenly spaced, lower, and more forgiving. It will be much simpler for other teams to cover your attacks. In these deep water conditions, it is a tremendous advantage to have developed that dramatic change in speed, from cruise to an all-out sprint, without "broadcasting" your intentions. It also helps to throw in a subtle change in direction at the same moment. For instance, if you have a wake riding team on your right side wake, and you suddenly take a turn to the left combined with acceleration, the turn maneuver alone will put the competitor's boat back approximately half a

boat length. This may be all you need to break contact, especially if your speed change is significant. A popular way to set this up is to first gradually bear in toward the canoe riding your side wake, causing that team to react by pulling away to prevent potential contact. While the wake writing team is preoccupied with this action, you suddenly roll your boat and turn the opposite way while accelerating. This is a tough tactic to defend against and should be part of every team's deep water attacking repertoire.

Another popular technique is to utilize a series of repetitive attacks, in the hopes of wearing down weaker teams. This can be effective, provided you feel strong and avoid simply acting as a "rabbit" for other teams. The danger of becoming a "tow truck" for other teams most often occurs in deep water where your wake is easy to ride. However, in substantial stretches of shallow or suck water, repetitive attacks will usually do the job. Only the most skilled teams will be able to hang on. Similarly, get in the habit of utilizing buoy turns, whitewater drops, river obstacles - any place that may cause other teams to be cautious - as occasions to throw down an attack. You will find yourself becoming more aggressive and moving up in the field. At the very least, you will become more confident of your ability to drop another team when necessary, and you will develop into a

better all-around marathon canoe/kayak racer!

## **Limiting Your Loss: How Not to Get Dropped**

Now consider what happens when you are on the other end of the equation. You know the feeling: either you or your partner are starting to get tired. Perhaps you are simply going through a "low patch." It is becoming harder and harder to stay with other canoes. Your tank is on "empty," and you are about ready to bonk. Randy Drake used to call this "backwards time." What can you do to limit your loss and try not to get dropped?

The good news is that there are several approaches you can take to help prevent being dropped. The bad news is that if you are totally bonked and completely "out of gas," you are probably not going to hang on to other canoes at least not the ones still cruising fast. In this worst-case scenario, you need to back off the intensity, drink, re-fuel, and try to recover. You will have to go easy for a while. Once you grab a gel and a drink, be ready to work the next canoe that comes up on you. Perhaps you will feel better and get going faster again - at least to the point of being able to ride with other canoes.

The key to not getting dropped by a canoe, or a pack of canoes when you still have some zip left is ANTICIPATION! This means vou have to be aware of what attacking teams are likely to do and be prepared to defend. Racers often refer to this as "covering" a move. The first rule to be successful covering an attack is to be alert and react quickly. As soon as you sense an attacking team start to accelerate, you must do so as well. If you are slow in recognizing the speed change, you will fall off the wave and be left wondering what just happened to your easy ride! Both bow and stern paddlers share the responsibility for keeping an eye on the competition. This is no time for sightseeing. Some paddlers make it quite obvious when they begin to sprint. The better paddlers, however, are far more subtle and disguise their speed change. If you can just manage to react quickly to the initial sprint, the other team may get discouraged and slow down, giving you time to recover. But if your competitors catch you off guard with your canoe falling back and "bow up" on the wake, you can probably say "sayonara." You will now be watching the opposition from behind.

Another important consideration in not getting dropped off wakes is your boat position. Riding the stern wake may be easier and more forgiving, but it can be dangerous if shallows are coming.

It will not take much effort for an attacking team to drop you off the stern wave in shallow water. The need to react quickly is imperative. If you drop off one stern wave, get ready to accelerate as the next one comes along. You may be able to ride the second or third wave and then counter attack when the leader eases off. On the other hand, you will find that the stern wake is a beautiful place to be in deep water or in a headwind. It can also be a good riding position in a twisty course such as the swamp in the General Clinton 70 Miler. Just be sure to do your best to stay on the inside stern waves while going around tight corners. Be alert and ready to jump up to the side wake when the course straightens out.

In many circumstances the side wake is the better and safer place to be. The side wake gives you almost unlimited positions to ride. You will be able to shift out significantly to the side in shallow water sections and slide back on waves which can be ridden even while sprinting occurs in the shallows. A further positive aspect of side waking is that it allows you to be in a more offensive posture. That is, on the side wake, you can readily move to the front position, pulling other boats that are with you in the pack. As long as you are doing some share of the work at the front, your companion teams are going to be less inclined to drop you. Another benefit: you will get your share of rest

when the other teams take turns at the front.

The side wake is also the best place to utilize:

"countermeasures" when you do get dropped back by a sprint.

Typical defensive moves would include sliding out farther on the side wave of the sprinting canoe, as the wave is lower and easier to ride. In the alternative, you can fall back on the stern "wave train" until your canoe is picked up by the next following wave. Try to hang onto that wave. When the pace at the front slows, make an

all-out effort to jump forward over the wakes. If you can't get back up on the side wake, try sliding in behind on one of the stern waves. Grab some recovery time. Be patient. Wait for the next good opportunity to attack and jump forward onto the side wake.

Riding and working with other canoes - sometimes in large packs - is one of the most fun and unique aspects of marathon canoe racing. Training sessions with other canoes are the best way to learn the various skills a paddler needs to ride wake and be able to

drop opponents during crunch time. You can also use local races, which are less serious and good spirited, as a way to practice these techniques. At some point in every race, whether approaching the finish or a technical shallow water section, you know that the sprints and attacks are going to happen. Teams will get dropped. With proper preparation, knowledge, and anticipation you can become the dropper not the dropper. Time to get away!

Peter Heed



 $Peter\ Heed\ and\ Michael\ Fairchild\ battling\ Don\ Walls\ and\ Dale\ Burris\ at\ the\ 2017\ USCA\ Nationals.\ Photo\ courtesy\ of\ Hansel\ Lucas.$ 

### LOSING YOUR COOKIES—2017 NATIONALS

#### **STEVEN HORNEY**



Steve Rosenau and Steve Horney paddling K2 Men with an OC2. We like to be "unique." Photo courtesy of Richard Hodgkins.

"Paddle 'til you puke in beautiful Dubuque" was my proposed theme for the USCA 2017 Nationals. Strangely, I don't think it was ever officially adopted! I'll have to wait for the next Nationals venue with a "uque" sound. But losing your cookies or not, Dubuque was a superb Nationals experience. As with all lay not in the environment, but Nationals courses, this one had its unique tests and challenges designed to weed out (often literally) hopeful contenders from the sissippi. And for good reason: top dogs.

Earl Brimeyer must have been in good stead with the local weatherman, because he ordered up some excellent weather for

the Dubuque Nationals. A little cool and windy for Friday, it settled into very comfortable mid-70's weather for the weekend – a nice change of pace from the heat bility of encountering some sig--stroke inducing weather of the prior Nationals. And the island location was beautiful. The tricky aspects of this Nationals course in the water itself. This year's venue was the mighty Mississippi ripe opportunity for a sudden - also known as the muddy Misthe bottom is muddy and you can't see an inch into the water. This made it rather deceptive. Depending on the line a paddler took around the island, the water

could be reasonably deep or quite shallow. Finding the optimum path sometimes took a bit of guess work and a risk-aversion analysis: heading out into known deep water presented the possinificant cross waves from larger passing vessels; taking the closerto-the-shore line risked getting into some very shallow water. Not as much of an issue for canoes, but a dangling rudder was a halt to forward progress. On the plus side, the mud was kind to rudders and pretty much risk free from a damage perspective. Other challenges included some significant eddies that could swing a boat 90 degrees unexpectedly (always exciting!) and weeds. Weeds weren't visible above the surface of the water, lulling many a paddler into complacency. But this killer (of forward momentum) was typically the culprit when speeds were falling as energy output increased in ruddered craft. I understand there was also a woman bathing in the river on Friday in the path of the racers, but I didn't hear any complaints about that "obstacle"...

This year's course was roughly 13 miles for the long course (most boats) and 5 miles for the short course (SUP's and youth). For the long course we started in the part of the river running between the island and the mainland, ran downstream into the main body of the river while hanging kind of close to the Iowa side of the river, turned around a buoy, came back upstream to the top of the island and around into the side flow back to the start line; then it was one more trip around the island to the finish. The short course was two trips around the island.

My plans for the Nationals were completely up-ended by a text message from Steve Rosenau. Originally planning to paddle OC1 Man on Saturday and K1 Unlimited Man on Sunday, I ended up actually paddling neither. Mr. Rosenau wanted to know if I had a K2 available to rent or borrow. A little sleuthing work determined that he had neither the boat nor a partner, but he desper-

ately wanted to paddle K2 Men. Well, I don't have a true K2 at the moment, but I do have this Huki OC2 that has a special iako design permitting the use of kayak paddles... Before I knew what was happening I had agreed to paddle K2 with Steve using my OC2. A combination of being limited to carrying 3 boats on our vehicle, plans on what to paddle on our follow-up trip out west, and wanting to carry a Stellar demo boat led me to change my OC1 plans on Sunday to SUP Man. I dearly love paddling OC1, but this change of pace was rather fortuitous. [As in bringing about a National Championship (made a whole lot easier by a complete lack of competition!)]

Poor Steve Rosenau didn't know what he was signing up for when he opted to paddle K2 with me. The iako behind the front paddle is designed to give some extra clearance for a kayak paddle, but you still need to have a somewhat restrained stoke in terms of how far back you rotate. Steve likes to rotate way back. And a man just doesn't like to change his stroke overnight when it's been ingrained for many a year. So Steve moved his seat as far forward as he could, modified what he could, and created a passable paddling position. But it was not a comfortable position, as two hours of paddling would make abundantly clear! Nevertheless, we started off quite strong, maintaining a strong second place position for the first few miles. But somewhere along

the way Roger Eaton and David Long began creeping up in their K2 surf ski. We drafted their wake for quite some time and even enjoyed moments where our additional stability looked like it would be to our advantage as they encountered destabilizing crosschop, but eventually they paddled too far ahead for us to catch them. On the second trip around the island we followed closely with a C2 whose wake we were drafting, but the C2 led us astray into the muddy shallows where our longer rudder became intimately acquainted with the muck. Fortunately we caught it before it was too late and we were able to change course and power out of the muck, but it was another time -waster. All of this transpired while I was wondering, "why does is seem like we're slowing so much while our power output is still solid?" Then it dawned on me: we had likely collected a solid collection of weeds! Unfortunately, this revelation failed to come to me until we were close to the finish (where I noted our downriver speed had fallen precipitously). Just after crossing the finish line I reached back to the rudder and pulled off a saladbowl size wad of weeds! AARGH!!! If only I had thought to do that periodically during the race we might have been able to maintain 2<sup>nd</sup> place... We'll be gunnin' for ya' next time, Dave & Roger!

My SUP race was a bit different. According to the roster there were supposed to have been

3 participants in SUP Man, but John Diller had strained his back the night before and I have no clue what became of the other competitor. So that left just me. On the SUP Woman side Edna Spang was the sole competitor. Edna's an excellent paddler in her own right, so the two of us paddled hard but basically worked together to conquer the course on our tippy SUP's. Knowing the weed issue, we periodically stopped and reversed our boards to clear weeds, watching speeds jump up a mile per hour with the now free-running boards. No doubt the trickiest part of the course was the open-river side of the island. For the first trip around the island Edna chose to run between the sand bar and the island while I went for the deeper waters on the river side of the sand bar. Boat wakes made my decision a bit dicey, but I knew it was shallow on the other side of the sand bar. Somehow Edna managed to find a good passage through that area and we both opted to go that way on our second journey around the island.

Coming up further along the open river side of the island I suddenly found my board rapidly rotating out towards the river in a giant eddy. Dicey, but I survived it! Another item to note for trip 2 around the island... The final tricky area involved the top of the island, where the divided flow threatened to push us into the rocks along the shore and eddies were spinning just off the shore.

We opted to take a more offshore approach to that area, which appeared to be the smart move. After making it around the top the second time, we stopped, cleared weeds, and sprinted for the finish! Both of us became National Champions! It may be sort of a hollow victory with no competition, but as one paddling friend has said, "a

win is a win!"

Many thanks to Earl Brimeyer and his crew for putting on a really wonderful Nationals! They obviously put in a whale of a lot of work and it showed. I may have heard Earl mutter something about "never again" towards the end of the weekend...

Steven Horney and Edna Spang work together in the SUP race. Photo by Richard Hodgkins.



# USCA NATIONALS 2017

**RESULTS AND PHOTOS** 







Photos this page courtesy of Richard Hodgkins.



## 2017 NATIONALS

THE BOATS!





Epic, buffalo and covered canoe photos courtesy of Tony Bond

Savage River/Sail Canoes & Stellar photos by Julie Horney









## WEDNESDAY ECO-ORIENTEERING

### AUGUST 9, 2017

### **Results Wednesday Eco-Orienteering Event- Dubuque Nationals 2017**

		First				First			Race Time -		
Class	Last Name		Age	State	Last Name	Name	Age	State		Net Time	Place
									37:01		
C2	Josefik	Ben	44	IL	Pennington	Doug	60	MO	- 0	37:01:00	1st
									40:00		
C2	Thomason	Brant	49	AL	Woods	Andy	48	MO	- 1	39:00:00	2nd
									57:00		
C2	McDuffie	William	55	NC	McDuffie	River	15	NC	- 0	57:00:00	3rd
									58:00		
K1	McDuffie	Lynne	57	NC					- 13	51:30:00	1st
									57:00		
C1	Sharp	Edward	77	VA					- 1	56:00:00	1st
									55:00		
Adult / JR	Josefik	Tammy		IL	Josefik	Luke	7	IL	- 2	53:30:00	1st



Jody Runyon and John Edwards practicing "Air C2" outside the registration area.

Photo courtesy of Tony Bond

# THURSDAY SPRINTS

AUGUST 10, 2017



### **Results Thursday Youth Sprint Events- Dubuque Nationals 2017**

250 Meters		<b></b> .								
C1 Youth 5-7	Last Name Josefik Williamson Reese	First Name Luke Brooklynn Rachelle	<b>Age</b> 7 7 6	State IL AR NY	Last Name	First Name	Age	State	Race Time 1:44 1:47 3:32	Place 1 2 3
C1 Youth 8-10	<b>Last Name</b> Williamson	<b>First Name</b> Brayden	<b>Age</b> 9	<b>State</b> AR	Last Name	First Name	Age	State	Race Time 2:29	Place 1
250 Meters										
C2 Youth 5-7 C2 Youth 8-10	Last Name Josefik Williamson Last Name Williamson	First Name Luke Baeleigh First Name Brooklyn	<b>Age</b> 7 5 <b>Age</b> 7	State IL AR State AR	Last Name Josefik Walls Last Name Williamson	First Name Michael Aslyn  First Name Brayden	<b>Age</b> 5 7 <b>Age</b> 7	State IL KS State AR	Race Time 3:38 3:59 Race Time 3:20	Place 1 2 Place 2
500 Meters										
C1 Girl Youth 13-14	<b>Last Name</b> Diget	<b>First Name</b> Ashley	<b>Age</b> 14	<b>State</b> MI	Last Name	First Name	Age	State	Race Time 2:04	Place 1
C1 Woman Junior 15-17	<b>Last Name</b> Fitzgerald McDuffie	<b>First Name</b> Briana River	<b>Age</b> 17 15	State NY NC	Last Name	First Name	Age	State	Race Time 1:53 2:02	Place 1 2
K1 Girl Youth 13-14	<b>Last Name</b> Diget	First Name Ashley	<b>Age</b> 14	<b>State</b> MI	Last Name	First Name	Age	State	Race Time 2:02	Place 1
K1 Woman Junior 15-17	Last Name McDuffie	<b>First Name</b> River	<b>Age</b> 15	<b>State</b> NC	Last Name	First Name	Age	State	Race Time 2:25	Place 1
500 Meters										
C2 Girls Youth 13-14	Last Name Diget	<b>First Name</b> Ashley	<b>Age</b> 14	State MI	<b>Last Name</b> Williamson	<b>First Name</b> Brooklyn	<b>Age</b> 7	<b>State</b> AR	Race Time 2:31	Place 1

500 Meters (cont.)										
C2 Women Junior 15-		First				First			Race	
17	<b>Last Name</b>	Name	Age	State	<b>Last Name</b>	Name	Age	State	Time	Place
	Fitzgerald	Briana	17	NY	McDuffie	River	15	NC	2:04	1
		First				First			Race	
C2 Mixed Open	Last Name	Name	Age	State	Last Name	Name	Age	State	Time	Place
	Fitzgerald	Briana	17	NY	Josefik	Luke	7	IL	2:25	1
	McDuffie	River	15	NC	Walls	Aslyn	7	KS	2:30	2
	Diget	Ashley	14	MI	Wright	Finnegan	6	IL	2:51	3
C2 Woman (+18) /		First				First			Race	
Youth 5-7	Last Name	Name	Age	State	Last Name	Name	Age	State	Time	Place
	Reese	Phoebe	37	NY	Reese	Rachelle	6	NY	2:21	1
	Fitzgorold	Dam	56	NY	Williamson	Drooklyn	7	AR	2:22	2
	Fitzgerald	Pam	30	INT	vviillailisoii	Brooklyn	/	AN	2.22	2
C2 Woman (119) /		First				First			Race	
C2 Woman (+18) / Junior 15-17	Last Name	Name	Age	State	Last Name	Name	Age	State	Time	Place
Jamor 15 17	Fitzgerald	Pam	56	NY	Fitzgerald	Briana	17	NY	2:03	1
	Titzgeraiu	i dili	30	141	Titzgeraiu	Dilalia	1,	141	2.03	_
C2 Man (+18) / Youth		First				First			Race	
5-7	Last Name	Name	Age	State	Last Name	Name	Age	State	Time	Place
3,	Williams	Ron	76	CAN	Walls	Aslyn	5	KS	2:20	1
	vviiiiaiiis	11011	, 0	C/ 11 4	vvans	7.51411	3	N.S	2.20	-
	Pennington	Doug	60	МО	Josefik	Luke	7	IL	2:21	2
	Burris	Dale	62	AR	Williamson	Baeleigh	5	AR	2:27	3
	Josefik	Ben	44	IL	Josefik	Michael	5	IL	2:30	4
	Wright	Matt	35	IL	Wright	Finnegan	6	IL	2:33	5
C2 Man (+18) / Youth		First				First			Race	
8-10	Last Name	Name	Age	State	Last Name	Name	Age	State	Time	Place
	Walls	Don	54	AR	Williamson	Brayden	9	AR	2:12	1
	vvalis	DOIT	34	AIN	vviillailisuii	ыаучен	9	AIN	2.12	1
C2 Man (+18) / Youth	1	First				First			Race	
13-14	Last Name	Name	Age	State	Last Name	Name	Age	State	Time	Place
-5	Clark	Roger	65	MI	Diget	Ashley	14	MI	2:21	1
	Ciark	повет	03		Diget	ristincy			2.21	-
C2 Man (+18) / Junior	•	First				First			Race	
15-17	Last Name	Name	Age	State	Last Name	Name	Age	State	Time	Place
	McDuffie	William	55	NC	McDuffie	River	15	NC	2:08	1
						· · · · • ·				-
Paddlers with Physi-										
cal Disabilities										
		First				First			Race	
V1/OC1 Man	Last Name	Name	Age	State	Last Name	Name	Age	State	Time	Place
	Bond	Tony	64	AUST					2:15	1

# FRIDAY MARATHON

AUGUST 11, 2017



### **Results Friday Marathon Events- Dubuque Nationals 2017**

C-2 Man/		First				First				
Youth	Last Name	Name	Age	State	Last Name	Name	Age	State	Race Time	Place
705	Walls	Don	54	AR	Williamson	Brayden	9	AR	0:56:35	1
707	Burris	Dale		AR	Williamson	Brooklyn		AR	0:56:51	2
702	Grzenia	Ray	66	IL	Grzenia	Dylan	14	IL	0:57:05	3
701	Clark	Roger	65	MI	Diget	Ashley	14	MI	0:59:58	4
						-				
704	Pennington	Doug	60	MO	Josefik	Luke	7	IL	1:02:26	5
703	Josefik	Ben	44	IL	Josefik	Michael	5	IL	1:02:41	6
104	Wright	Matthew	35	IL	Wright	Finnegan	6	IL	1:13:20	7
C2 Woman/		First				First				
Youth	Last Name	Name	Age	State	Last Name	Name	Age	State	Race Time	Place
802	Broderson	Katherine	20	MN	Broderson	Matthew	12	MN	8:54:00	1
801	Reese	Phoebe	37	NY	Reese	Rachelle	6	NY	1:02:56	2
		First				First				
C2 Man/Junio	r Last Name	Name	Age	State	Last Name	Name	Age	State	Race Time	Place
401	Runyon	Jody	58	IL	Runyon	Lily	15	IL	2:01:10	1
C2 Woman/		First	_	<b>.</b> .		First	_			
Junior	Last Name	Name	Age	State	Last Name	Name	Age	State	Race Time	Place
501	Fitzgerald	Pam	56	NY	Fitzgerald	Briana	17	NY	1:55:02	1
C2 Mixed		First				First				
Standard	Last Name	Name	Age	State	Last Name	Name	Age	State	Race Time	Place
302	Herbert	Mike	56	AR	Herbert	Savanna	20	AR	1:52:02	1
305	Donovan	James	26	MN	Valko	Peyton	19	CO	1:56:39	2
304	McDuffie	William	55	NC	McDuffie	Lynne	54	NC	2:08:28	3
301	Bechtel	Greg	55	OH	Bechtel	Susan	54	OH	2:16:30	4
303	Josefik	Nick	39	IL	Beers	Adrienne	43	IL	2:17:26	5
303	JOSEHK	INICK	33	16	Deer3	Adrienne	43	IL.	2.17.20	3
C2 Mixed		First				First				
Open	Last Name	Name	Age	State	Last Name	Name	Age	State	Race Time	Place
313	Davis	Mike	26	MI	Davis	Rebecca	27	MI	1:41:29	1
312	Arenz	Devin	39	MN	Ellis	Kate	61	MN	1:44:46	2
312	711 (112	DCVIII	33	10114	Lillo	Rate	01	14114	1.44.40	_
314	Stonehouse	Kyle	23	MI	Treston	Kristi	23	MI	1:45:09	3
311	Peterson	Ryan	35	MN	Gilbertson	Emily	37	MN	1:46:30	4
315	Barton	Bruce	60	MI	Owens	, Nicole	39	MI	1:53:36	5
316	Broderson	Chris	48	MN	Johnson	Emily	39	MN	1:56:47	6
			-		-	,	-		•	•
C2 Mixed		First				First				
Master	Last Name	Name	Age	State	Last Name	Name	Age	State	<b>Race Time</b>	Place
321	Matute	Jose	50	MN	Schilling	Maria	44	MN	1:48:00	1
					-					

C2 Mixed Senior 332 331	Last Name Torongo Timmerman	<b>First Name</b> Bill Dave	<b>Age</b> 55 59		<b>Last Name</b> Schluter Kurt	First Name Beth Dena	<b>Age</b> 73 59	State WI IA	Race Time 1:47:59 2:00:25	Place 1 2
<b>C2 Mixed Vet</b> 342 341	Last Name Peterson Cramer	First Name Steve Ted	<b>Age</b> 68 63		<b>Last Name</b> Peterson Burris	First Name Bonnie Becky	<b>Age</b> 65 66	State MN AR	Race Time 1:48:56 2:06:59	Place 1 2
K2 Unlimited Mixed - Trial Event 603 602 601	Last Name Schnelle Kaiser Glover	First Name Jeff Ron Dale	<b>Age</b> 55 54 46	WI PA	Last Name Bradley Wenrich-Kaiser Glover	First Name Barb Kate Lori	<b>Age</b> 60 57 48	State WI PA PA	Race Time 1:45:06 1:53:19 2:02:00	Place 1 2 3
K1 W Sea Kayak 101	<b>Last Name</b> Spang	<b>First Name</b> Edna	<b>Age</b> 49	<b>State</b> PA	Last Name	First Name	Age	State	Race Time 2:13:28	Place 1
K1 W Sea Kayak Master 111	<b>Last Name</b> Merchert	First Name Lisa	<b>Age</b> 46	State IA	Last Name	First Name	Age	State	<b>Race Time</b> 1:55:31	Place 1
K1 W Sea Kayak Senior 122 121	<b>Last Name</b> Blackburn Harris	First Name Diane Mary	<b>Age</b> 53 58	State PA IL	Last Name	First Name	Age	State	Race Time 2:15:53 2:37:13	Place 1 2
K1 W Sea Kayak Vet 131	<b>Last Name</b> Kanost	First Name Deborah	<b>Age</b> 62	State IN	Last Name	First Name	Age	State	<b>Race Time</b> 2:33:46	Place 1
K1 M Sea Kayak 202 204 203 201	Last Name Lucas Sweeney Evans Conrad	First Name Hansel Mike Jason Matthew	<b>Age</b> 34 62 34 37	State PA PA IA IN	Last Name	First Name	Age	State	Race Time 1:53:18 1:54:08 2:01:20 2:19:18	Place     1    2    3    4
K1 M Sea Kayak Master 211 212 213	Last Name Houlihan Siefken Good	First Name Rob Darrin Michael	<b>Age</b> 46 49 48	State IA IA PA	Last Name	First Name	Age	State	Race Time 1:54:51 2:16:48 DNF	Place 1 2
K1 M Sea Kayak Senior 226 229 227 223 221 222 228 225 224	Last Name Brumbaugh Westrum Budi McCue Ammon Harris McCoy Schnelle Widman	First Name Mike Robert James John Brian David John Jeff Rick	58 52 64 55 59 60 59	State MN IA SC NC PA IL MO	Last Name	First Name	Age	State	Race Time 1:48:31 1:51:53 1:52:53 2:00:32 2:02:52 2:13:52 2:18:52 DNS DNS	Place 1 2 3 4 5 6 7

K1 M Sea Kayak Vet 1 232 233 231	Last Name Rosenau Baumert Friedrichsen	First Name Steve Daniel Jed	<b>Age</b> 60 64 60	State Last Name NC ME MO	First Name	Age	State	Race Time 1:52:58 2:00:44 2:07:08	Place 1 2 3
K1 M Sea Kayak Vet 2	Last Name	First Name	Age	State Last Name	First Name	Age	State	Race Time	Place
242	Knight	Stephen	65	NC				1:55:35	1
241	Woodruff	William	67	VA				1:55:59	2
K1 M Sea Kayak G Vet	Last Name	First Name	Age	State Last Name	First Name	Age	State	Race Time	Place
253	Scofield	Ralph	74	MI				1:53:16	1
255	Leszek	Ed	71	ОН				1:59:30	2
252	Pula	Richard	71	MN				2:00:29	3
257	Fisher	Robert	73	NY				2:13:53	4
		<b>D</b>	72	IA				2 4 4 40	_
251	DeGroot	Roger	73	IA				2:14:48	5
251 256	DeGroot Lasley	Roger Jim	73 72	OH				2:14:48 2:27:17	5 6
		•							

Photo courtesy of Tony Bond.



# SATURDAY MARATHON

AUGUST 12, 2017

Photos this page courtesy of Richard Hodgkins.







### **Results Saturday Marathon Events- Dubuque Nationals 2017**

		First				First				
C-1 W Open	Last Name	Name	Age	State	<b>Last Name</b>	Name	Age	State	Race Time P	lace
102	Davis	Rebecca	27	MI					1:59:49	1
101	Reese	Phoebe	37	NY					2:02:21	2
103	Treston	Kristi	23	MN					2:03:24	3
105	Owens	Nicole	39	MI					2:16:41	4
104	Johnson	Emily	39	MI					DNS	
C1 W		First				First				
Master	Last Name	Name	Age	State	Last Name	Name	Age	State	<b>Race Time</b>	Place
112	Wilson	Christina	48	NH					2:09:31	1
111	Schilling	Maria	44	MN					DNS	
C1 W		First				First				
Senior	Last Name	Name	Age	State	Last Name	Name	Age	State	<b>Race Time</b>	Place
124	Fitzgerald	Pam	56	NY					2:05:20	1
121	Elleson	Jaya	54	NC					2:10:47	2
123	McDuffie	Lynne	57	WI					2:29:47	3
122	Even	Joanie	51	IA					DNS	
		First				First				
C1 W Vet 1	Last Name	Name	Age	State	Last Name	Name	Age	State	<b>Race Time</b>	Place
132	Barton	Roxanne	60	MI					2:01:42	1
131	Bradley	Barb	60	MI					DNS	
		First				First				
C1 W Grand Vet	1 Last Name	Name	Age	State	<b>Last Name</b>	Name	Age	State	<b>Race Time</b>	Place
141	Schluter	Beth	73	WI					2:06:18	1
		First				First				
K1 Unlimited W	Last Name	Name	Age	State	Last Name	Name	Age	State	<b>Race Time</b>	Place
201	Herbert	Savanna	20	AR					1:56:55	1
202	Spang	Edna	49	PA					2:15:23	2
K1 Unlimited W	Look Nieuw	First	۸	Chata		First	A	C+-+-	Dogo Time	Diess
Master	Last Name		Age	State	Last Name	wame	Age	State	Race Time	Place
211	Merchert	LISa	46	IA					1:54:16	1
K1 Unlimited W		First				First				
Senior	Last Name		Age	State	Last Name		Age	State	Race Time	Place
221	Blackburn		53	PA			J		DNS	

OC1 Man	Last Name	First Name	_		Last Name	First Name	Age	State		
301	Dyka	Paul	66	CT					1:52:26	1
304	Bond	Tony	63	AUST					1:58:38	2
303		Jim	56	IA					2:01:32	3
302	Schnelle	Jeff	54	WI					DNS	
305	Brunstrom	Morgan	70	WA					DNS	
ICF K1 M Open	Last Name	First Name	Age	State	Last Name	First Name	Age	State	Race Time	Place
401	Herbert	Mike	56	AR					1:34:27	1
ICF K1 M Master	Last Name	First Name	_		Last Name	First Name	Age	State		
413	Florov	Kiril	59	IL					1:38:05	1
415	Cummins	William	42	KY					1:56:25	2
411	Knight	Steven	65	NY					2:07:42	3
412	Woodruff	William	67	VA					DNS	
414	Good	Michael	48	PA					DNS	
		<b></b>	_	<b>.</b> .			_	<b>.</b>		
C2 Standard M Open	Last Name	First Name	_		Last Name	First Name	_			
501	Moller	Bernie	65			Greg	55	OH 	1:55:42	1
502	Josefik	Nicholas	39	IL	Peterson	Nathan	24	IL	1:58:21	2
C2 Standard M Master	Last Name	First Name	Δσε	State	Last Name	First Name	Δσε	State	Race Time	Place
512	Finnen	John	58		Gustin	Dave	54	PA	1:54:20	1
514	Diller	John	59		Gotsch	Ken	56	MD	1:55:47	2
513	McDuffie	William	55		Sharp	Ed	77	VA	1:58:18	3
511	Conlon	Steve	64	IL	Faul	Pat	74	IL	2:00:09	4
311	Comon	Steve	0-1		1 441	Tut	, -		2.00.03	-
C2 Men Open	Last Name	First Name	Age	State	Last Name	First Name	Age	State	Race Time	Place
523	Stonehouse	Kyle	23		Davis	Mike	26	MI	1:37:00	1
524	Peterson	Ryan	35	MN	Arenz	Devin	39	MN	1:44:51	2
521	Buckley	, Davide	43		Josefik	Ben	44	IL	1:56:38	3
522	Wright	Matt	35	IL	McCutcheon	Vaughn	37	IL	2:04:10	4
	J					Ü				
C2 Men Master	Last Name	First Name	Age	State	Last Name	First Name	Age	State	Race Time	Place
532	Burris	Dale	62	AR	Walls	Don	54	AR	1:46:11	1
531	Matute	Jose	50	MN	Broderson	Chris	48	MN	1:49:02	2
533	Runyon	Jody	58	IL	Edwards	John	68	FL	1:49:31	3
C2 Mary Camian	Last Names	First Name		C1-1-	Last Names	First Name	A	C+-+-	D Ti	Diana
C2 Men Senior	Last Name	First Name	_		Last Name	First Name	_		Race Time	
541	Hassel	Calvin	53		Torongo	Bill	55	MI	1:40:03	1
542	Hill	Rick	62	IΑ	Lancaster	Jay	59	WI	2:00:48	2
C2 Man Vet 1	Last Name	First Name	Age	State	Last Name	First Name	Age	State	Race Time	Place
554	Peterson	Steve	68		Kilgore	John	63	MN	1:45:53	1
552	Johnson	Todd	61		Lorenzen	Rick	61	MN	1:48:04	2
551	Haas	David	63		Kostra	Bill	64	PA	1:48:16	3
553	O'Malley	Dave	62	WI	Rattunde	Bill	60	WI	1:56:45	4
555	Masek	Dan	65		Krizman	Joe	60	ОН	DNF	•

<b>C2 Man Vet 2</b> 561 563	Last Name Heed Sadosky	First Name Peter Bob	<b>Age</b> 67 82	NH	Last Name Fairchild Sadosky	First Name Michael Tom	<b>Age</b> 66 77	State VT GA	Race Time 1:45:47 2:37:36	Place 1 2
562	Fremont	Mike	95		Huber	Richard	75	ОН	2:47:37	3
C2 Man Grand Vet 1	Last Name	First Name	Age	State	Last Name	First Name	Age	State	Race Time	Place
572	Braig	Jim	73	IA	Hansen	Fritz	76	WI	1:49:39	1
573	Bruno	Charlie	70	PA	Sayre	Ed	71	PA	1:49:57	2
571	Allen	Bob	73	MA	Thomas	Tom	72	IN	1:50:11	3
C2 Man Grand Vet 2	Last Name	First Name	Age	State	Last Name	First Name	Age	State	Race Time	Place
583	Rankinen	Richard	75	PA	Williams	Ron	75	CAN	1:49:04	1
582	MacQueen	Jon	76	CAN	Vandewincknel	Glen	80	NY	1:58:22	2
581	Gerg	Ken	81	PA	Young	Laverne	81	FL	2:06:31	3
K2 Unlimited Men	Last Name	First Name	Age	State	Last Name	First Name	Age	State	Race Time	Place
601	Glover	Dale	46	PA	Kaiser	Ron	65	PA	1:38:29	1
604	Long	Dave	62	KY	Eaton	Roger	36	TX	1:41:39	2
602	Rosenau	Steve	60	NC	Horney	Steve	57	IN	1:45:24	3
603	Hanson	Will	43	ОН	Bradley	Clint	42	ОН	2:37:30	4
C1 Woman Junior	Last Name	First Name	Age	State	Last Name	First Name	Age	State	Race Time	Place
701	Fitzgerald	Briana	17	NY					0:55:13	1
K1 Woman Junior	Last Name	First Name	Age	State	Last Name	First Name	Age	State	Race Time	Place
801	Diget	Ashley	14	MI					0:55:48	1
802	McDuffie	River	15	NC					1:00:16	2
C4	Last Name	First Name	Age	State	Last Name	First Name	Age	State	Race Time	Place
901	Buckley	David								1
	Conlon	Steve								
	Faul	Pat								
	Josefik	Ben								



 ${\it Photos\ courtesy\ of\ Richard\ Hodgkins.}$ 

# **SUNDAY MARATHON**

AUGUST 13, 2017



### **Results Sunday Marathon Events- Dubuque Nationals 2017**

		First			First				
C-1 M Open	Last Name	Name	Age	State	Last Name Name	Age	State	Race Time	Place
105	Davis	Mike	26	MI				1:39:59	1
101	Hassel	Calvin	53	NE				1:40:10	2
104	Stonehouse	Kyle	23	МІ				1:46:07	3
103	Donovan	James	26	MN				1:47:20	4
106	Kies	Davis	42	IL				1:55:38	5
102	Moller	Bernie	65	ОН				2:43:11	6
		First			First				
C1 M Master	Last Name	Name	Age	State	Last Name Name	Age	State	Race Time	Place
113	Walls	Don	54	AR	2001 1101110 1101110	7.80		1:51:50	1
111	LeRoy	Kevin	49	WI				1:54:41	2
112	Broderson	Chris	48	MN				2:14:59	3
		First			First				
C1 M Senior	Last Name	Name	Age	State	Last Name Name	Age	State	Race Time	Place
123	Torongo	Bill	55	MI				1:45:48	1
125	Burkhalter	Les	55	TX				1:46:50	2
122	Runyon	Jody	58	IL				1:50:47	3
124	Timmerman	Dave	59	IA				1:54:33	4
121	Gustin	David	54	PA				2:02:13	5
		First			First				
C1 M Vet 1	Last Name	Name	Age	State	Last Name Name	Age	State	Race Time	Place
136	Barton	Bruce	60	MI				1:47:30	1
133	Hill	Rick	62	IA				1:54:29	2
131	Cramer	Ted	63	IA				1:58:12	3
137	Rattunde	Bill						2:02:13	4
135	Bond	Tony	63	AUST				2:06:18	5
132	Haas	David	63	PA				DNF	6
134	Pennington	Doug	60	МО				DNF	7
		First			First				
C1 M Vet 2	Last Name	Name	Age	State	Last Name Name	Age	State	Race Time	Place
145	Fairchild	Mike	66	VT		-		1:50:46	1
143	Edwards	John	68	FL				1:51:31	2
142	Dyka	Paul	66	CT				1:52:45	3
146	Kanost	Bill	65	IN				1:52:47	4
141	Casale	John	68	MA				1:52:52	5
144	Kostra	Bill	65	PA				1:53:56	6
147	Cichanowski	Mike	68	MN				1:56:32	7

C1 M G Vet 1	Last Name	First Name	Age	State Last Name	First Name	Age	State	Race Time	Place
154	Bruno	Charlie	70	PA		Ū		1:54:29	1
158	Sayre	Edward	71	PA				1:54:53	2
153	Thomas	Tom	72	IN				1:56:41	3
160	Muhlen	Roland	74	ОН				1:58:25	4
151	Braig	Jim	73	IA				1:59:43	5
157	Fisher	Robert	73	NY				2:01:28	6
159	Roberts	James	70	MA				2:05:01	7
152	Hill	Bill	71	MI				2:15:09	8
155	Porn	Stephen	70	WI				2:16:28	9
156	Allen	Bob	73	MA				DNS	10
C1 M G Vet 2	Last Name	First Name	Age	State Last Name	First Name	Age	State	Race Time	Place
174	MacQueen	Jon	76	CAN				1:56:54	1
178	Williams	Ron	76	CAN				1:59:39	2
175	Rankinen	Richard	75	PA				2:01:26	3
177	Young	Laverne	81	FL				2:08:17	4
176	Vandewinckel	Glen	80	NY				2:09:57	5
171	Sharp	Edward	77	VA				2:11:00	6
172	Gerg	Ken	81	PA				DNS	7
173	Hansen	Fritz	76	WI				DNS	8
C1 M Stock Open	Last Name	First Name	_	State Last Name	First Name	Age	State		
181	Finnen	John	58	PA				2:07:17	1
184	Bechtel	Gregory	55 	OH				2:12:19	2
182	Huber	Richard	75	OH				2:47:11	3
183	Tuttle	Fred	67	KY				DNF	4
185	Sadosky	Bob	82	ОН				DNF	5
K1 Unlimited M	Last Name	First Name	Age	State Last Name	First Name	Age	State	Race Time	Place
202	Herbert	Mike	56	AR		Ū		1:28:53	1
204	Peterson	Ryan	35	MN				1:29:09	2
201	Lucas	, Hansel	34	PA				1:43:54	3
203	Evans	Jason	34	IA				1:45:27	4
K1 Unlimited M Master	Last Name	First Name	Age	State Last Name	First Name	Age	State	Race Time	Place
212	Holmes	Elmore	49	TN				1:37:47	1
211	Glover	Dale	46	PA				1:41:08	2
213	Houlihan	Rob	46	IA				DNS	3
214	Cummins	William	42	KY				DNS	4
V1 Unlimited NA Conice	Last Naves	Eirot Nome	A	Chata Last Name	Eiret News	۸	C+-+-	Daga Tirra	Diaca
K1 Unlimited M Senior 224	<b>Last Name</b> Florov	First Name Kiril	<b>Age</b> 59	State Last Name	First Name	Age	State	1:37:36	
223	Schnelle	Jeff	59 54	WI				1:37:36	1
225	Westrum	Robert	54 52	IA				1:41:55	2 3
226			52 52	WI					
226	Taylor Ammon	Phillip Brian	52 59	PA				1:49:37 1:55:03	4 5
								DNS	
222	Horney	Steven	57	IN				2אוח	6

K1 Unlimited M Vet 1 232 233 231	Last Name Sweeney Baumert Friedrichsen	First Name Michael Daniel Jed	<b>Age</b> 62 64 60	State PA ME MO	Last Name	First Name	Age	State	Race Time 1:44:21 1:54:17 2:07:30	Place 1 2 3
K1 Unlimited M Vet 2	Last Name	First Name	Age	State	Last Name	First Name	Age	State	Race Time	Place
242	Woodruff	William	67	VA					1:54:12	1
241	Knight	Stephen	65	NC					2:17:33	2
K1 Unlimited M G Vet 1	Last Name	First Name	Age	State	Last Name	First Name	Age	State	Race Time	Place
253	Leszek	Ed	71	ОН					1:54:32	1
252	Scofield	Ralph	74	MI					2:03:27	2
251	DeGroot	Roger	73	IA					DNS	3
K1 Unlimited M G Vet 2	Last Name	First Name	Age	State	Last Name	First Name	Age	State	Race Time	Place
261	Stover	John	76	MI					1:52:57	1
C2 Women Open	Last Name	First Name	Age	State	Last Name	First Name	Age	State	Race Time	Place
304	Davis	Rebecca	27	MI	Barton	Roxanne	60	MI	1:48:09	1
301	Gilbertson	Emily	37	MN	Treston	Kristi	23	MI	1:48:56	2
302	Kozarek	Jessica	38	MN	Schilling	Maria	44	MN	1:50:48	3
303	Owens	Nicole	39	MI	Reese	Phoebe	37	NY	1:55:05	4
305	Broderson	Katherine	20	MN	Johnson	Emily	39	MN	1:56:25	5
C2 Women Senior	Last Name	First Name	Age	State	Last Name	First Name	Age	State	Race Time	Place
312	Kurt	Dena	59	WI	Schluter	Beth	73	WI	2:00:10	1
311	Elleson	Jaya	57	WI	Even	Joanie	51	IA	2:03:50	2
C1 Man Junior	Last Name	First Name	Age	State	Last Name	First Name	Age	State	Race Time	Place
401	Josefik	Luke	7	IL					DNS	1
SUP Unlimited Woman	Last Name	First Name	Age	State	Last Name	First Name	Age	State	Race Time	Place
501	Spang	Edna	49	PA					1:24:21	1
SUP Unlimited Man	Last Name	First Name	Age	State	Last Name	First Name	Age	State	Race Time	Place
602	Horney	Steve	57	IN					1:23:47	1



We love our race officials! Thank you for your tireless service and dedication.

Photo courtesy of Julie Horney

## STATE POINTS – USCA NATIONAL MARATHON CHAMPIONSHIPS

North Port, FL March 4-5, 2017 and

Dubuque, IA August 9-13, 2017

The States listed below had points calculated on the following system. Points were awarded to each paddler's state of residence. In a team event, both paddlers received the same number of points. If the partner is non-US, the US member is awarded the points for his/her state of residence.

1<sup>st</sup> place – 50 points; 2<sup>nd</sup> place – 45 points; 3<sup>rd</sup> place – 40 points;

4<sup>th</sup> place – 35 points; 5<sup>th</sup> place – 30 points; 6<sup>th</sup> place – 25 points; 7<sup>th</sup> place – 20 points; 8<sup>th</sup> place – 15 points; 9<sup>th</sup> place – 10 points and 10<sup>th</sup> place receives 5 points.

Points from the USCA Stock Aluminum National Championships held in North Port, FL on March 4-5 were included in the point tabulation.

The winner of the State Points revolving trophy was **Minneso- ta** with 1425 points. Second place was **Michigan** with 1225 points and third was **Pennsylvania** with 1185 points. The remaining 27 states that were represented at the Nationals are as follows:

4. IL - 950

5. IA - 945

6. AR - 785

7. OH – 675

8. WI - 630

9. FL - 615

10. NC - 605 11. NY - 495

11. N1 - 495

12. TX - 390

13. IN - 290

14. VA - 255

15. MO - 220 16. MA - 180

17. NH - 150

18. TN - 130

19. VT - 100

20. GA - 95

20. NE - 95

22. ME - 90 22. MD - 90

22. MD - 90 22. CT - 90

22. C1 - 90 22. SC - 90

22.KY - 90

23.27. CO - 45

Foreign Country – 265, Canada and Australia.



The Next Generation of Performance

Kayaks Jeff Stephens Surf Skis

500 N. Pennsylvania Ave. #A Winter Park, FL 32789

321-STELLAR [783-5527] 321-432-8800 Thepaddleattic.com jeff@thepaddleattic.com

Largest Stocking Stellar Dealer in the Southeast!!!

# A Profile of Endurance: Paddle Sport Athletes and Performance

ANDREW HATCHETT, CHARLES ALLEN, LIANNA EPSTEIN, BRIAN PARR

#### A Profile of Endurance Paddle Sport Athletes and Performance

ANDREW HATCHETT1,2, CHARLES ALLEN3, LIANNA EPSTEIN1, BRIAN PARR1

- <sup>1</sup>Exercise and Sport Science, University of South Carolina Aiken, Aiken, SC, USA;
- <sup>2</sup> Health Sciences, Franklin Pierce University, Rindge, NH, USA,
- <sup>3</sup> Exercise Science, Florida Southern College, Lakeland, FL, USA

#### Abstract

The primary aim of this research was to develop an anthropomorphic profile of endurance paddle sport athletes to determine which of these characteristics best relates to race performance. Fifty (35 male and 15 female) volunteers (N = 50; age = 53.96yrs  $\pm$  17.37; height = 173cm  $\pm$  8.92; mass = 75.11kg  $\pm$  12.70; BMI = 25.32  $\pm$  2.89 kg x m<sup>-2</sup>, body fat % = 22.2  $\pm$  6.3) provided informed consent prior to participation. Participants competed in the 2016 United States Canoe Association Marathon National Championships consisting of a 13-miles course on the Connecticut River in Northfield, MA. Participant race finish times were used as the measure of performance. Participant age was the only variable that correlated significantly to race performance (r<sup>2</sup> = 0.540; p = 0.01), remained the only variable significantly related to race performance when split by participant sex (Female = 0.627 and Male = 0.648). Based upon these results, it appears that age is the significant variable related to endurance paddle sport performance.

Key Words: Paddling, Endurance, Race, Performance, Canoe, Kayak

#### Introduction

The International Canoe Federation defines a canoe and/or kayak marathon as an event in which the competitor races over a designated long distance course on water subject to prescribed standards. The competitor must take the water as it is found and be prepared, if it is necessary, to carry his or her canoe around an impassable obstacle, or between two waterways [1]. Endurance paddle sport contests can range from 13 miles to 170 miles over several days and include sections of portage [2]. These rules and standards are generally held consistent for other paddle sports such as marathon kayak racing. Marathon paddling is a low impact, high aerobic sport. The sport also has significant technical components which include paddling technique, water knowledge, and navigation skills. Over time, athletes develop the ability to read different water conditions both to avoid obstacles and seek out faster water [3].

The 2016 United States Canoe Association (USCA) Marathon National Championships offered a venue in which to collect body height, body mass, and bioelectrical impedance data on a representative sample of elite endurance paddle sport athletes. The 2016 USCA Marathon National Championships took place in Northfield, Massachusetts, between August 11 and August 14, on the Connecticut River. The course for this year's race was a 13-mile looped course that afforded athletes the opportunity to compete in a number of different events over the four days of competition. These events included individual, pairs, and mixed pairs events. This event attracts some of the finest endurance canoeists and kayakers in the United States of America and Canada, allowing them to compete head-to-head [1].

The purpose of this report is to present age, height, mass, body fat, and body mass index (BMI) data of competitors in the 2016 USCA Marathon National Championships for physical characterization of participants in such an event and to demonstrate the relationship between these variables and performance.

#### Methods

#### **Participants**

USCA Marathon National Championship partakers were the study participants. Athletes are required to either register or check-in prior to the respective event they intend to compete in throughout the four-day event. After the potential participants read the informed consent form, if participants did not have any questions regarding the study, they then signed the informed consent form approved by the University's Institutional Review Board.

#### **Protocol**

Height and mass measurements were made with calibrated measuring equipment during athlete check-in/registration during the championship event. Each of these measurements were obtained with the athlete removing their shoes for accuracy purposes. Additionally, during this data collection opportunity, the athletes' age and sex were recorded. From the information collected the individual participant's Body Mass Index (BMI) was determined. The participant's body composition was determined through bioelectrical impedance.

#### Statistical Analysis

Race results offered by race officials were used in the analysis of the relationship between anthropomorphic data and athlete performance. Pearson correlations were used to compare age, height, mass, BMI, and body composition values with finish time in the individual distance contest. Fisher's z transformation, 95% percentile confidence intervals (upper and lower limits), mean values and standard deviations were also determined. All calculations were performed using SPSS (version 24) with an a priori level of significance set at  $p \, \pounds \, 0.05$  and  $p \, \pounds \, 0.01$ , respectively.

#### **Results**

Characteristics of the participants in this study as a pooled sample are presented in Table 1. A total of 252 athletes competed in categories designating either individual canoe or kayak classes. Of the 252 athletes, a total of 50 athletes participated in this study (19%). Of the 50 athletes who participated in data collection 15 were female (30%) and 35 were male (70%), which approximately reflects the overall event participation (72% male and 28% female). Mean finish times of the study participants were comparable to all race participants finish times.

Table 1 offers the descriptive anthropomorphic characteristics of the study participant.

Table 1.	Characteristics of race	participants

	<u>-</u>			
Variable	Minimum	Maximum	Mean	SD
Age (yrs)	21	94	53.96	17.37
Height (cm)	156.21	193.04	173.58	8.92
Weight (kg)	55.34	115.67	75.11	12.71
вмі	20.41	32.21	24.85	2.92
Body Fat %	6.41	35.61	22.21	6.31
Finish Time (min)	119.15	169.57	135.75	13.33



Photo courtesy of Richard Hodgkins.

Table 2 offers the descriptive anthropomorphic characteristics of the study participants when dichotomizing the sample by sex.

Table 2. Characteristics of race participants by sex

Female (n=15)	Variable	Minimum	Maximum	Mean	SD
	Age (yrs)	23.00	76.00	50.86	17.26
	Height (cm)	156.21	177.8	165.59	6.60
	Weight (kg)	55.79	85.00	63.81	7.48
	BMI	20.40	32.20	23.72	2.98
	Body Fat %	17.01	35.61	25.86	6.47
	Finish Time (min)	119.65	154.45	133.99	11.52
Male (n=35)	Age (yrs)	21.00	94.00	55.14	18.02
	Height (cm)	160.02	193.04	176.81	7.87
	Weight (kg)	55.34	115.67	79.78	11.88
	BMI	20.40	32.00	25.32	2.89
	Body Fat %	6.41	32.10	20.82	5.83
	Finish Time (min)	119.15	169.57	135.98	14.27

Photo courtesy of Richard Hodgkins.



Tables 3,4 and 5 offer the correlational relationship between the descriptive variables and race finish time for the pooled, Female and Male samples respectively.

Table 3. Correlational relationships of variables to finish time (pooled sample)

Variable	Pooled	95% CI Upper Limit	95% CI Lower Lim- it
Age	0.540*	0.711	0.308
Height	0.071	NA	NA
Weight	0.103	NA	NA
BMI	0.139	NA	NA
Body Fat %	0.036	NA	NA

<sup>\*</sup> indicates statistical significance at p=0.01

Table 4. Correlational relationships of variables to finish time (Female sample)

Variable	Female		95% CI Lower Limit
Age	0.627*	0.862	0.170
Height	-0.212	NA	NA
Weight	0.002	NA	NA
BMI	0.402	NA	NA
Body Fat %	-0.051	NA	NA

<sup>\*</sup> indicates statistical significance at p=0.01

Table 5. Correlational relationships of variables to finish time (Male sample)

Variable	Male	95% CI Upper Lim- it	95% CI Lower Limit
Age	0.648*	0.806	0.402
Height	0.102	NA	NA
Weight	0.131	NA	NA
BMI	0.144	NA	NA
Body Fat %	0.130	NA	NA

<sup>\*</sup> indicates statistical significance at p=0.01

The association of BMI with finish time did not reach statistical significance (p=0.073) when analyzing pooled data (both female and male athletes), nor was statistical significance observed when splitting the data between female and male participants (p=0.50 and p=0.97, respectively). Body fat percentage did not influence finish time statistically significantly either (p=0.84 pooled, p=0.88 female and 0.25 male).

The relationship between participants age and finish time did yield a statistically significant correlation ( $r^2=0.540$ ; p=0.01) when analyzed as pooled. Additionally, when the pooled sample was analyzed as a dichotomous sample based on participant sex statistical significance remained for age and finish time (Female = 0.627 and Male = 0.648). Correlational information of the variables and race finish time are presented in Table 3.

#### Discussion

Endurance paddle sports involve a number of dynamic variables not in the control of the athlete. Race distance, race day weather, water conditions, and other event related elements must be considered when an athlete designs a strategy for race success. Based on the results offered in this study, the age of the athlete and an associated amount of endurance paddling experience play a large role in performance.

Athletes participating in this 13-mile marathon paddle event were found to vary considerably in body composition. For example, BMI values ranged from 21.40 to 32.00 kg x  $m^{-2}$  and body fat ranged from 6.40 to 32.10% for men. For women, BMI values ranged from 17.00 to 35.60 kg x  $m^{-2}$  and body fat ranged from 17.00 to 35.60%. Interestingly, the variable that displayed statistical significance was the age of the athlete participating in the contest.

Results from this study are somewhat similar to those examining other endurance sport participants, namely ultra-endurance runners. Hoffman et al [4], assessed body mass and body fat of ultramarathon athletes and cited Knechtule and colleagues [5] who measured BMI and percent body fat in a small group of men competing in a 24-hour run and a run of 1200 km over 17 consecutive days. The BMI and body fat values reported in these studies did not differ dramatically from those found in the current study. While Hoffman et al reported statistically significant correlation between body fat percentage and finish time among male athletes, no other report of statistical significance was made in regard to BMI, body fat percentage, and race finish time.

In regard to the current study, physiologic variables not yielding statistical significance and a chronological variable showing statistical significance may speak to the role experience plays in an athlete's finishing position. As mentioned earlier, an athlete's performance in any given event may very well hinge on their ability to navigate the ever changing conditions of the water. Developing this understanding, combined with technical expertise, seems to be an influential factor associated with performance. An additional factor that may need to be considered when developing a better understanding of the athletes assessed in this particular study is the environment in which the contest was held. During the period of time this contest was held the daily high temperature ranged from 91 °F to 94°F. Therefore, a greater amount of experience acquired over a number of years participating in paddle-sports may have benefited the athlete beyond factors traditionally associated with youth. Paddlers that take the time to develop both fitness and technical skills can excel regardless of age or sex [3].

The race from which the present data were collected was a well-attended event, however, due to the fact the event was a national championship race many athletes voiced hesitancy to participate in data collection for fear of adverse impact on their performance to come the following days. It also needs to be shared that the information reported in this report is derived from a greater collection effort to include functional movement screening and stroke power output. This too may have added to the athletes not wanting to exert themselves prior to the event. Future investigations of this nature should take these factors into consideration in an effort to yield greater numbers of participants. Nonetheless, given the relatively small sample size, this study demonstrates that there are wide variations in BMI and body fat percentage in endurance paddle-sport athletes and that the more successful athletes tend to be older, possibly due to a greater amount of experience in the sport.

#### Acknowledgements

The authors would like to acknowledge the significant contributions made by the United States Canoe Association and its members. Additionally, the authors would like to thank Mr. Mark McAndrew for his timeless positive energy and creative mind.

#### References

International Canoe Federation. Canoe Marathon Competition Rules. Accessed: September 1, 2016 at http://www.canoeicf.com/rules-and-statutes

United States Canoe Association. New England Nationals event map. Accessed: September 1, 2016 at http://www.newenglandnationals.org/course/long

Ontario Marathon Canoe Kayak Racing Association. Welcome to marathon paddling! Accessed: September 1, 2016 at http://www.omckra.com

Hoffman MD, Lebus DK, Ganong AC, Casazza GA, Van Loan MD. 2010. "Body composition of 161-km ultra-marathoners." International Journal of Sports Medicine. 31:106-9

12. Knechtle, B. 2014. Relationship of anthropometric and training characteristics with race performance in endurance and ultra-endurance athletes. Asian Journal of Sports Medicine 5.2 73-90



### **Membership Application Form**

Or Join online at www.uscanoe.com

ityState	e Date of Birth	M.I		
ddressState	Date of Birth			
ityStateelephoneEmail		Gender M		
ityState				
elephoneEmail				
Membership: Renewal New Ifnew, recru	iited by:			
Member Type:	_	<u>_</u>		
Governing (18 & Over) \$20.00 Fam	nily \$25.00	Junior	\$7.50	
Club Affiliate * \$30.00 Rac	e Sponsor \$30.00	Business Affiliate	530 OC	
Clab Allillace \$30.00 Nac	E OPONSON \$50.00 [	business Annace	250.00	
For family membership — other than above mem Name:		f Birth: Gende	22	
<del></del>	<del></del>	M_	-	
		M_		
	<del></del>	M	- 1	
		M_	<u> </u>	
		М		
Amount Enclosed: \$ Send pa	yment and membersh	ip form to:		
	Lynne McDuffie, US	CA Membership Chair		
	410 Cockman Rd			
	Robbins, NC 27325			
	Phone: (910) 948-32 Email: <u>Ilmcduffie@gn</u>			
	cinan. <u>iimcdume@gn</u>	nan.com		
prefer to have Canoe News delivered di	iaitally	as as a printed su		

## **USCA 2017**

#### List of Officers, Board of Directors (Delegates), & Committee Chairs

#### **USCA Officers**

#### **Executive Committee**

#### President & Chair:

Rebecca Davis

#### **Vice President:**

Larry Latta

#### Secretary:

Joan Theiss

#### **Treasurer:**

John Edwards

#### **Executive Director**

Vacant

#### **Delegates**

#### **Past President**

#### **Peter Heed**

581 West Street, Keene, NH 03431 603-209-2299 pheed72@gmail.com

#### **Organized State & Regional Divisions**

#### Florida Division/USCA

#### **Tim Dodge**

4118 Alpine Dr ,Gainesville, FL 32605 352-318-5877; timmdodge@cox.net

#### **Lloyd Reeves**

125 Eagles Nest Lane, Crescent City, FL 32112 805-441-7463; lloyd@fastkayak.com

#### Indiana Division/USCA

#### **Steve Horney**

15806 Timber Willow Dr, Huntertown, IN 46748 260-452-6447; soarer\_270@yahoo.com

#### New York Division/USCA

#### **Dave Donner**

4883 Harlem Rd, Amherst, NY 14226 716-839-4307; revdonner@aol.com

#### **Larry Liquori**

79 Locust Drive, Kings Park, NY 11754 631-406-6918; lliquori@jacka-liquori.com

#### **Phoebe Reese**

254 East St, Oneonta, NY 13820 607-435-9921; pwfreese@gmail.com

## Ohio Division/USCA William (Bill) Corrigan

5888 E. Kemper Rd, Cincinnati, OH 45241 513-530-9249; wmcorrigan@fuse.net

#### Norm Skinner

4055 Red Bud Rd, Dresden, OH 43821 740-754-1213; backpaddler@att.net

#### Penn-Jersey Division/USCA

#### **Charlie Bruno**

2124 James Way, Saylorsburg, PA 18353 610-381-3780, Brunos@ptd.net

#### **Ken Gerg**

PO Box 247, Emporium, PA 15834 814-486-1691; joken2@zitomedia.net

#### **Dale Glover**

171 Cindy Ave, Montgomery, PA 17752 570-547-2635; glover1093@msn.com

#### Glen Green

312 Duff Ave, Wenonah, NJ 08090 856-468-0036; chairman@swanboat.org

#### **Norm Ludwig**

2006 West Side Road, Jersey Shore, PA 17740 (570) 865-6214; ncludwig@kcnet.org

#### **Non-Organized Regional Divisions**

## East South Central Division (AL, KY, MS, TN)

#### Fred Tuttle

2093 Alexandria Dr, Lexington, KY 40504 270-993-3999; doctuttle@hotmail.com

## East North Central Division (IL, MI, WI) Roxanne Barton

6201 23 1/2 Mile Rd , Homer, MI 49245 517-568-3702 bartonpigfarm@dmcibb.net

#### **Derek Diget**

131 S Berkley St, Kalamazoo, MI 49006 269-343-5150; usca@comp-u-port.net

#### Lynne Witte

58 Union St, Mt Clemens, MI 48043 586-201-5695; dogpaddler54@gmail.com

#### Mountain Division

#### (AZ, CO, ID, MT, NM, NV, UT, WY) Lynn Capen

685 Sugarloaf Mountain Rd, Boulder, CO 80302 303-444-0187; lynncapen@gmail.com

#### New England Division (CT, MA, ME, NH, RI, VT)

#### Robert Allen

687 Montgomery Rd, Westfield, MA 01085 413-568-8832; rangerfiberglass@yahoo.com

#### Dan Baumert

318 Kenduskeag Road, Levant, ME 04456 207-249-9238; dan.baumert@me.usda.gov

#### Tricia Heed

581 West Street, Keene, NH 03431 603-209-2299; trilon777@gmail.com

#### Karen Pleasant

574 Bernardston Rd, Greenfield, MA 01301 413-522-8222; Kpleasant@sbschool.org

#### Joe Shaw

27 Old North Road PO Box 104, Worthington, MA 01098

413-537-8821; josephpshaw@hotmail.com

#### **Paula Thiel**

487 Wylie School Road, Voluntown, CT 06384 860-564-2443; prma1@comcast.net

#### Ray Thiel

487 Wylie School Road, Voluntown, CT 06384 860-564-2443; prma1@comcast.net

#### **Dave Thomas**

96 Main Street, Northfield, MA 01360 413-522-8494; david@stellarkayaksusa.com

#### Pacific Division (AK, CA, HI, OR, WA) Morgan Brunstrom

3011 Bennett Dr, Bellingham WA 98225 360-756-1312

## South Atlantic Division (DC, DE, GA, MD, NC, SC, VA, WV)

#### Lynne McDuffie

llmcduffie@gmail.com

#### William McDuffie

410 Cockman Rd, Robbins, NC 27325 910-948-3238; wlrmcduffie@gmail.com

#### West North Central Division (IA, KS, MN, MO, NE, ND, SD) Earl Brimeyer

2595 Rhomberg Ave, Dubuque, IA 52001-1445 563-583-6345; ebrimeyer@aol.com

#### **Doug Pennington**

1735 County Rd 421, Poplar Bluff, MO 63901 573-785-0431; penncanoe@hotmail.com

## West South Central Division (AR, LA, OK, TX)

#### Joy Emshoff

803 Arroweye Trail, Austin, TX 78733-1806 512-626-3471; jle4321@yahoo.com

#### **Bob Spain**

803 Arroweye Tr, Austin, TX 78733 512-296-5544; rws0987@yahoo.com

#### **Don Walls**

9 Bunker Hill Ln, Russellville, AR 72802 479-280-1319; donwalls2@netzero.com

#### **Non-US Regional Division**

**Affiliated Club Delegates for 2017** 

Florida Competition Paddlers Association

Kathy Edwards; St. Petersburg, FL 727-522-3348; ktae17@aol.com

Michigan Canoe Racing Association

Chris Hewitt; Lansing, MI

989-751-4324; hewittc@gmail.com

New England Canoe & Kayak Racing Assn Business Affiliates

Priscilla Reinertsen; Contoocook, NH 603-746-6491; prtsen1@comcast.net

New York Marathon Canoe Racing Assn

Scott Stenberg, Moravia, NY

315-406-4692; owascolake@gmail.com

North Carolina Canoe Racing Association

Steve Rosenau; Mt. Holly, NC 704-483-4130; sar4130@gmail.com

Pennsylvania Assn of Canoeing and

Kayaking Jerry Patton; Port Allegany, PA

814-642-9161

St Charles Canoe Club

Ben Josefik; Dwight, IL

815-674-7472; bjosefik@yahoo.com

Texas Canoe & Kayak Racing Association

Chris Stevenson; Houston, TX

713-320-2408; castevenson@gmail.com

Standing Committees for 2017

Adaptive Paddling – Jan Whitaker

Auditing – Steve Rosenau

Barton Cup (Sub-ctee, Youth Activities) - Phoebe

Reese & Teresa Stout

Bylaws Review - Lynne McDuffie

Camaraderie - Open

Camping/Cruising - Bob Allen Competition - Norm Ludwig

Competition / Dragon Boat - Robert McNamara

Competition / Kayak - Ron Kaiser & Lloyd

Reeves

Competition / Nationals Awards - Barbara

Walls

Competition / Orienteering – Stephen Miller

Competition / Outrigger Canoe - Open

Competition / Adult Sprints - John Edwards

Competition / Youth Sprints - Lloyd Reeves

Competition / Standup Paddleboard - Lloyd

Reeves

Competition / Swan Boat - Glen Green

Conservation - Open Education - Lynne Witte Historian - Joan Theiss

Instruction Certification - Open

Insurance Oversight- Joan Theiss & Scott

Stenberg

International - John Edwards

Marketing - Open

Membership – Lynne McDuffie Merchandise Sales - Open

Nationals Coordinator - Don Walls

Nominating - John Edwards Publications - Steven Horney

Publicity & PR – Open

Safety - Glen Green

Technical Inspection - Bill Corrigan

USCA Bylaws/Rules/Regulations Review &

Oversight - Joan Theiss

USCA/ICF Grants - Priscilla Reinertsen

Youth Activities - Phoebe Reese & Teresa Stout

Webmaster- Larry Latta

Women's Interest - Open

**Special Appointments** 

USCA Marathon Coordinator to USACK Mara-

thon Committee -Kaitlyn McElroy

**American Dragon Boat Association** 

John Miller Dubuque, IA

dboatmny@aol.com

**Bike Bug LLC** 

Mike Schneider Houston, TX

sales@bikebug.net **Global Paddlesports** 

Russell Adams

Houston, Tx

contact.us@globalpaddlesports.com

**Great Hollow Nature Preserve** 

John Foley New Fairfield, Ct

jfoley@greathollow.org

**Housatonic Valley Association** 

Alison Dixon Stockbridge, MA adixon@hvatoday.org

Paddle Florida, Inc.

Bill Richards Gainesville, FL

bill@paddleflorida.org

The Paddle Attic

Jeff Stephens Winter Park, FL

jeff.stephens@cfl.rr.com

Yadkin Riverkeeper, Inc.

Terri Pratt

Winston-Salem, NC

info@yadkinriverkeeper.org

**Club Affiliates** 

Birch Hill Canoe Club

Charley Brackett Fitzwilliam, NH 603-585-7167

**Dayton Canoe Club** 

Thomas Tweed Dayton, OH

thomasjtweed@yahoo.com

**Dubuque Dragon Boat Association** 

Earl Brimeyer Dubuque, IA ddba@aol.com

**Dubuque Watersport Club** 

Earl Brimeyer Dubuque, IA ebrimeyer@aol.com

**Explore Kentucky Initiative** 

Gerry James Frankfort, KY gerryseavo@gmail.com

Florida Paddling Trails Association

Debra Akin Gainesville, FL akin7596@aol.com **Freestyle Group** 

Charlie Wilson

Saranac Lake, NY

charliewilson77@gmail.com

Friends of the Great Swamp

Laurie Wallace Pawling, NY laurwallv@aol.com

Friends of the Pecatonica River

Foundation

Lee Butler Freeport, IL

lee.butler@pecriver.org **Island Paddlers 777** 

David Donner Amherst, NY revdonner@aol.com

Kent Center, Inc.

**Karl Perkins** Chestertown, MD kperkins@kentcenter.org

Middle Grand River Organization of

Watersheds Loretta Crum Lansing, MI lcrum@mgrow.org

**Minnesota Canoe Association** 

**Emily Johnson** Minneapolis, MN

membership.mca@gmail.com

**Mosquito Lagoon Paddlers** 

Thomas Perkins Edgewater, FL

doryman3@yahoo.com **New England Kayak Fishing** 

Chris Howie

Rockland, MA seahorsech@comcast.net

**Outrigger Chicago** 

Kristin Flentve Lake Bluff, IL

kaflentye@yahoo.com

**River Advocates of South Central** 

Connecticut Mary Mushinsky

Wallingford, CT

marymushinsky@att.net

**River City Paddlers** Peter Rudnick Folsom, CA

rudnipe@live.com **Symmes Creek Restoration Committee** 

Harry Mayenchein Chesapeake, OH

hmanshine@zoominternet.net

**Texas Outrigger Canoe Club** 

Kristen Wollard Shoreacres, TX

kristenwollard@yahoo.com

Wanda Canoe Club

Betsy Ray New York, NY bray4526@gmail.com

Westfield River Watershed Association

Michael Young Westfield, MA

myoung721@comcast.net

## **CANOE NEWS ADVERTISING RATES**

#### **CORRECTIONS AND PHOTO RELEASE**

## Advertisers: you can support the USCA and reach our demographic with print space in *Canoe News* magazine!

#### Space Rates by Size per Issue:

Quarter page: \$ 25 Half page: \$ 50 Full page: \$100

**Discount:** 25% discount is available for ad space contracted for 4 consecutive issues and paid in advance.

Pricing is expected to increase in 2018. Secure your rates now for the Winter 2018 issue of Canoe News!

Formats suggested for artwork include: TIF, JPG, PDF, or PNG.

#### Send all advertising requests to:

Steven Horney Editor, Canoe News Soarer\_270@yahoo.com



#### Photo/Video Image Use Consent and Release

Participation in or attendance at events sponsored by the USCA constitutes voluntary consent of the participant or attendee to be photographed, filmed, or videotaped for use by the USCA in all media venues, including the World Wide Web, without further notice or compensation.

## Partners in Performance



PERFORMANCE Go farther, faster!

www.StellarKayaksUSA.com

Performance Kayak Paddling Centers. Exclusive test paddle centers for Stellar Kayaks. Finding the right boat is worth the trip.

Reserve your test paddle today at Performance Kayak Brookville & West Newton, PA. to find the perfect fit of a Stellar Kayak or Surfski.





www.performance-kayak.com
Performance Kayak
PH:724-987-3597 or 814-221-1884

### Welcome New USCA Membership Chairperson:

## **Lynne McDuffie**

Join Now online at www.uscanoe.com or use the application form in this issue. Make check payable to USCA. <u>Send to:</u>

Lynne McDuffie, Membership Chair

410 Cockman Rd Robbins, NC 27325 Phone: 910-948-3238 or Email llmcduffie@gmail

Please be considerate and print legibly so you continue to receive **Canoe News.** Keep her busy & help grow the USCA!

**Change of**: address, email, or phone number?

**Contact:** Lynne McDuffie

**Remember**: All **Delegates** must be a 2018 member before

the Annual Meeting in January

United States Canoe Association, Inc.

410 Cockman Rd, Robbins, NC 27325

> Brian Ammon paddling K1 Unlimited Man Senior at the 2017 USCA Nationals.

