

Health Career Photography

Firefighter Paramedic

Physical Therapist

Veterinarian



Erika Bast

Treasure Coast Division

15669

Park Vista High School

Florida, U.S



A Firefighter Paramedic provides emergency care to people of all ages. This medical career is also known as an Emergency Medical Technician, Paramedic, and Medic. They respond to fire, medical and other emergencies. But what makes the Firefighter Paramedic different from a Firefighter is their advanced education and training in the medical field. Firefighter Paramedics typically work in a municipal/government Fire Department. They are responsible for providing immediate medical care during an emergency, maintaining the equipment found in emergency vehicles (ambulances, fire trucks), providing training to colleagues and individuals in the community, and performing other duties related to public relations and education.

In order to become a Firefighter Paramedic, one must possess a high school diploma or GED. A Firefighter Paramedic must have a valid driver's license and demonstrate the ability to drive a variety of specialized departmental vehicles (Paramedic truck, Fire Truck, etc.). Additional requirements for this job include Firefighter Certification, EMT-Paramedic accreditation (each state has specific requirements), they must possess current CPR and ACLS certification, and possess the ability to work in physically demanding environments. For example, Firefighter Paramedics might have to carry a backboard up 10 flights of steps, transfer an injured 220 pound man onto the backboard, medically stabilize the patient and then transport that same patient down the 10 flights of steps. The Firefighter Paramedic needs training in handling a variety of patients – such as an 80 year old woman who is in cardiac arrest and dying at the scene, to a 16 year old Autistic teenager who has cut themselves and is bleeding profusely but cannot tolerate physical touch by strangers. Additionally, a Firefighter Paramedic may have to deal with a combative patient who is delusional from a drug intoxication or confusion caused by a traumatic brain injury.

There are many benefits to working within the field of Firefighter Paramedic. The average salary ranges between \$40,000 to 100,000 annually with good job prospects. The job does not require a college degree, and training is available across the country. Other benefits include working with others to save lives. Challenges for this career choice may include the physical demands (heavy lifting, wet or cold environments) and of course the likelihood that the patient will not survive despite their best medical intervention.

The photo I've presented shows a training environment. The Delray Beach Fire Department allowed me to view two Firefighter Paramedics demonstrating "Stop the Bleed" techniques. In 2015, the White House initiated the Stop The Bleed campaign to provide training to bystanders on the scene of an accident until medical technicians/paramedics/EMT's could arrive. Stop The Bleed has also been a HOSA initiative. The focus of the HOSA competitive event I entered in 2018-2019 was Public Health – Stop the Bleed, so this photo opportunity was even more meaningful for me. Captain Bast (no relation to me) demonstrated the use of a tourniquet that involved nothing more than a stick and a strap. He also demonstrated how to "pack a wound" to decrease the bleeding. This training was amazing because the mannequin used in the training actually "bled". It gives a real-life scenario, allowing the trainees to practice their skills. The mannequin was also quite heavy, and difficult to move around, much like a real human would be. I really enjoyed watching the two Firefighter Paramedics work as a team to identify the gunshot wounds on the "patient", quickly apply a tourniquet, and then pack the wound to Stop the Bleed. They also allowed me to apply the tourniquet and practice packing the wound.

HEALTH CAREER PHOTOGRAPHY - PERMISSION FORMS

Photo #(s) 1

Competitor Name Erika Bast

If multiple facilities are used for the three photos, each facility needs a permission form completed.

Facility Photo Permission Form

Facility Name: Delray Beach Fire Rescue Station 111

Facility Address: 501 W. Atlantic Ave. Delray Beach, FL

Date(s) Photos Were Taken at the Facility: Jan. 4, 2021

Did this facility have their own permission forms the competitor was required to complete?

YES or NO? (circle one) If yes, attach a copy of that permission form to this page.

Name of Authorized Representative from Facility, stating permission was granted for the competitor to take photos at the facility:

Name (please print): Dani Moschella

Title: Public Information Officer

Signature of Authorized Facility representative: [Signature]

Date signed: 1/4/21

HEALTH CAREER PHOTOGRAPHY - PERMISSION FORMS

Patient/Subject Photo Release Form

Each photo, and each patient/subject needs a permission form completed.

Photo # 1 Competitor Name Erika Bast

I understand that, under the United States Health Insurance Portability and Accountability Act of 1996 (HIPAA), I have certain rights to privacy regarding my protected health information. I have received, read, and understand your Notice of Privacy Practices containing a more complete description of the uses and disclosures of my health information.

I hereby authorize HOSA-Future Health Professionals and those acting pursuant to its authority to:

- (a) Record my likeness and voice on a video, audio, photographic, digital, electronic or any other medium.
- (b) Use my name in connection with these recordings.
- (c) Use, reproduce, exhibit or distribute in any medium (e.g. print publications, video tapes, CD - ROM, Internet/www) these recordings for any purpose that HOSA-Future Health Professionals, and those acting pursuant to its authority, deem appropriate, including promotional or advertising efforts.

I will allow these photos to be shared with other professionals and patients strictly in an educational setting. HOSA-Future Health Professionals will have permission to use these photos in the manner described above unless I request it to no longer use them. I waive any right that I may have to inspect and approve the finished product that may be used or the use to which it may be applied now and/or in the future, whether that use is known to me or unknown, and I waive any right to royalties or other compensation arising from or related to the use of the image or product.

A written request form is available to do so. I understand that by allowing HOSA-Future Health Professionals to use my photos, they are able to share "before and after" images to educate and explain procedures, possible results of the treatment, and career information. I understand that I have the option to decline this request, and am not obligated in any way to provide permission to use these photos.

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Please check one option below:

- Full Photo Series
- Close up photos only (no full face)

Subject Name: Matt Pearce Date: 1/8/21

Signature: Matt Pearce

If subject under 18 years of age, signature of parent is required:

Signature: _____ Date: _____

HEALTH CAREER PHOTOGRAPHY - PERMISSION FORMS

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Please check one option below:

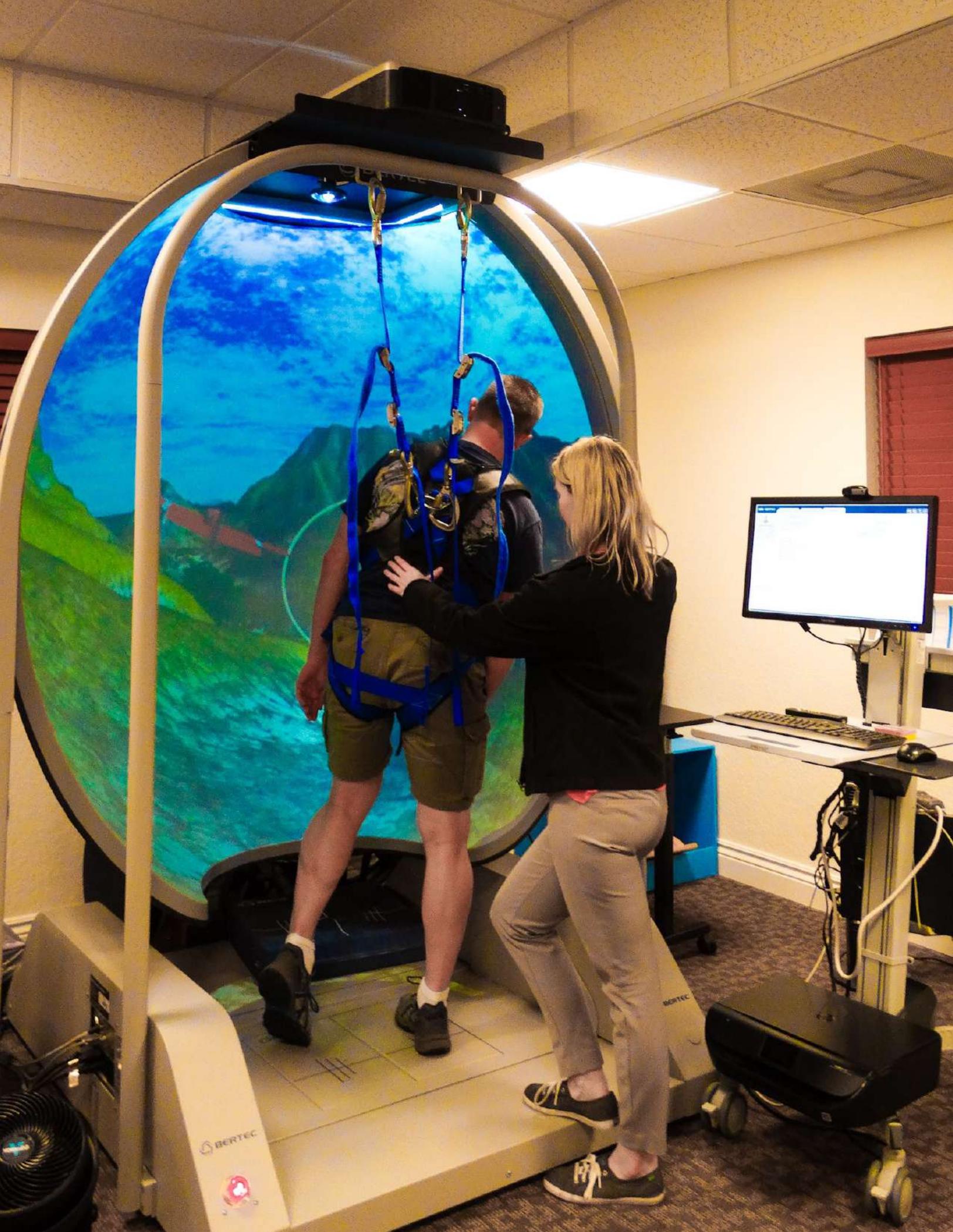
- Full Photo Series
- Close up photos only (no full face)

Subject Name: James Bast Date: 1/8/21

Signature: 

If subject under 18 years of age, signature of parent is required:

Signature: _____ Date: _____



A Physical Therapist works with people of all ages on their physical mobility, including walking, bending lifting, and transferring from sitting/laying to standing. They not only help people restore or improve mobility, they also address issues of pain, disequilibrium, improve strength, and increase endurance for physical tasks. Physical Therapists work in a variety of settings, including clinics, hospitals, rehabilitation centers, schools, sport facilities and nursing homes. Physical Therapists work with people of all ages, including infants, young adults, and the elderly. A Physical Therapist may work with prematurely born infants with muscle tone issues or perhaps assist a professional athlete return to the game after a debilitating injury, like torn knee ligaments. Therapy might include proper demonstration of exercises to improve tone or strength, or activities to improve balance.

In order to become a Physical Therapist, one must first obtain a Bachelor's degree. This can include majors such as pre-physical therapy, athletic training or exercise science. Following the Bachelor's degree, the person would then obtain a Doctor of Physical Therapy degree. It takes approximately 3 years to obtain the Doctor of Physical Therapy degree, which includes a practicum and research studies. The requirements to become accepted in a Doctor of Physical Therapy program are highly competitive, but there are numerous college programs offering this degree. In fact, according to the Florida Physical Therapy Association, at least 12 colleges in Florida currently offer this degree. There are many benefits to working within the field of Physical Therapy. The average salary for a Physical Therapist is around \$95,000 annually with good job prospects. Other benefits include being able to work in private practice, the opportunity to help people achieve their goals, and the chance to see the patients recover from debilitating injuries. Challenges for this career choice may include the physical demands of lifting patients, standing a lot, and having a patient who is resistant to therapy like elderly patients.

The photo I've presented shows one of the rare treatment options that physical therapists can use with patients who have balance problems. When I was in 8th grade, I volunteered at this Fyzical Therapy Center. That's when I got to see the therapists use the Computerized Dynamic Posturography machine (CDP). CDP is a machine that allows a clinical team to identify the cause of your balance or dizziness problem and treat it. When being used, the machine will either show visuals of lines or different environments to test your balance in different situations. My photo shows the CDP displaying a sky and a plane that the patient is controlling with their body weight. This was my favorite machine there because of how the visuals looked when treating/testing patients and how well it worked at improving the patient's problems. When I went back to Fyzical and saw the machine, I knew that I wanted a photo of it. I then asked Physical Therapist Dr. Crystal Harrington if I could get a photo there, and luckily, she said yes. It was amazing to see that machine in action again. Though, physical therapy isn't all about the machines that they use. A lot of physical therapy involves massaging and stretching the patients. So, it was cool to be able to look around the facility and see all the other patients and the different ways they were receiving treatment. It was a fascinating experience to have been able to go and watch the physical therapists and see how they improve the quality of life for so many people.

HEALTH CAREER PHOTOGRAPHY - PERMISSION FORMS

Photo #(s) 2 Competitor Name Erika Bast

If multiple facilities are used for the three photos, each facility needs a permission form completed.

Facility Photo Permission Form

Facility Name: Physical Therapy + Balance Center - Wellington

Facility Address: 9897 Lake worth Rd suite 203

Date(s) Photos Were Taken at the Facility: 11/21/14

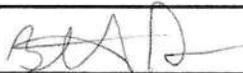
Did this facility have their own permission forms the competitor was required to complete?

YES or (NO?) (circle one) If yes, attach a copy of that permission form to this page.

Name of Authorized Representative from Facility, stating permission was granted for the competitor to take photos at the facility:

Name (please print): Brett Percin

Title: Director

Signature of Authorized Facility representative: 

Date signed: 11/21/14

HEALTH CAREER PHOTOGRAPHY - PERMISSION FORMS

Patient/Subject Photo Release Form

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Photo # 2 Competitor Name Erika Bast

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Please check one option below:

- Full Photo Series
- Close up photos only (no full face)

Subject Name: Crystal Harrington Date: 11/21/19

Signature: 

If subject under 18 years of age, signature of parent is required:

Signature: _____ Date: _____

HEALTH CAREER PHOTOGRAPHY - PERMISSION FORMS

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Photo # 2 Competitor Name Erika Bast

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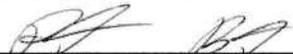
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Please check one option below:

- Full Photo Series
 Close up photos only (no full face)

Subject Name: Peter BAST Date: 11/21/19

Signature: 

If subject under 18 years of age, signature of parent is required:

Signature: _____ Date: _____



A Veterinarian serves the healthcare needs of animals, including diagnosis of diseases, annual checkups, prescription of medication, wound care, and surgery. Additionally, Veterinarians can provide education to the pet owners about how to properly care for their animal. Some Veterinarians work in their own animal clinics, while others may provide services on farms, zoos or other facilities. Veterinarians can work with a variety of animals, including exotic pets such as snakes and ferrets, large animals such as horses and cows, and typical house pets including dogs, cats, and rabbits. There are many specialties for Veterinarians, including dentistry, emergency care, and pathology.

In order to become a Veterinarian, one must first obtain a Bachelor's degree. This can include majors such as pre-veterinarian, biology, zoology, and biochemistry. Following the Bachelor's degree, the person would then obtain a Doctor of Veterinary Medicine Degree. Entrance into veterinary college is highly competitive, as there are only 30 accredited college programs in the United States. It takes approximately 4-5 years to obtain a Doctor of Veterinary Medicine degree, following the Bachelor's degree. Some Veterinarians then pursue 2 to 5 years of additional residency training leading to board certification and practice within a wide variety of medical or surgical specialties. They must also obtain state licensure. But the rewards and benefits are well worth it. The average salary for a Veterinarian is around \$100,000 annually with good job prospects. In fact, according to the U.S. Bureau of Labor Statistics, the field of Veterinary Medicine is growing faster than average, at an increase of 18%. In addition to salary, the veterinarian gets to work with the animals they love and want to help care for. Some Veterinarians even get to work in unique settings, such as farms, stables, and zoos. Challenges for this career choice may include working long days, having to meet clients in the middle of the night for emergencies, being bitten or attacked by an animal, and having to tell a pet owner that their beloved animal has died.

The photo I've presented shows one of the unique settings and job opportunities a Veterinarian may be employed in. Let me tell you about this photo. On the morning it was taken, I arrived at Lion Country Safari and was greeted by not only the Senior Veterinarian, Dr. Elizabeth Hammond, but also one of the veterinary techs. They gave me a tour of their small animal hospital, including the room where they perform surgery, observe animals needing medical support, and the room where they perform autopsies. They also showed me x-rays of some of the animals at Lion Country Safari. One animal that had neat x-rays was one of the rhinos, named Lissa. Lissa is the rhino in my photo and she had a very rare cancerous tumor. The tumor was on and in her horn and was the size of a squished basketball. Luckily, Dr. Hammond was able to perform multiple surgeries and remove it. The x-rays showed her horn after each surgery. After she showed me the x-rays, Dr. Hammond gathered her supplies and took me out to the rhino section of the preserve. This was because she had to draw blood from a possible pregnant rhino, do a wellness check on a newborn rhino, and as shown in the picture apply ointment to Lissa. She checked each of the rhinos for skin sores and signs of illness. Sadly, after observing the rhinos, I had to go home. However, Dr. Hammond continued working and giving medical care to some of the different animals. Overall it was truly amazing to be able to learn about the all work that goes into keeping the many different animals happy and healthy.

HEALTH CAREER PHOTOGRAPHY - PERMISSION FORMS

Photo #(s) 3 Competitor Name Erika Bast

If multiple facilities are used for the three photos, each facility needs a permission form completed.

Facility Photo Permission Form

Facility Name: Lion Country Safari

Facility Address: 2003 Lion Country Safari Rd
Coastal Terrace, FL 33470

Date(s) Photos Were Taken at the Facility: 11/22/19

Did this facility have their own permission forms the competitor was required to complete?

YES or NO? (circle one) If yes, attach a copy of that permission form to this page.

Name of Authorized Representative from Facility, stating permission was granted for the competitor to take photos at the facility:

Name (please print): Elizabeth Hammond, DVM

Title: Senior Veterinarian

Signature of Authorized Facility representative: [Signature]

Date signed: 11/22/19

Wildlife

INDEMNITY AND HOLD HARMLESS AGREEMENT

I Erika Bast, the undersigned, in consideration of enjoying the privilege of being allowed upon and using the entrance road, premises, property, facilities, equipment, vehicles, employees and animals of Lion Country Safari, Inc. - Florida (Lion Country Safari) do hereby unconditionally indemnify, save and hold harmless, release and acquit Lion Country Safari, its Directors, Officers, agents, employees, associates and affiliate corporations from and against all or any claims, suits, actions and damages and causes of action relating to personal injury, loss of life and/or damages to property which I may sustain or cause while traveling to or from or while upon the premises or in the vicinity of Lion Country Safari property, including all costs, legal fees, expenses and liabilities incurred in or about any action or proceedings thereon and from and against any order, judgement and/or decrees which may be entered therein and further including all such claims as may be brought by or on behalf of any Lion Country Safari employee and/or invitee.

This agreement will remain in effect for any and all my visits to Lion Country Safari as a volunteer, contractor, subcontractor, service provider, media representative or observer.

Dated This 26 Day Of November, 2019

Erika Bast

Name (Please Print)

7236 Brickyard Cir, Lake Worth

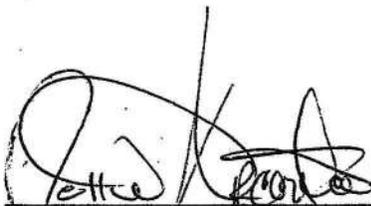
Address

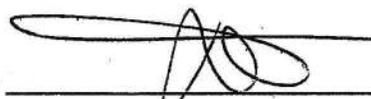
561-~~776~~ 358-7093

Telephone Number

Dr. Hammond

Affiliation


Letitia
Witness Name (Please Print)


Witness Signature

Erika Bast

Signature

HEALTH CAREER PHOTOGRAPHY - PERMISSION FORMS

Patient/Subject Photo Release Form

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Photo # 3

Competitor Name Erika Best

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Please check one option below:

Full Photo Series

Close up photos only (no full face)

Subject Name: Elizabeth Hammond Date: 11/22/19

Signature: [Signature]

If subject under 18 years of age, signature of parent is required:

Signature: _____ Date: _____