

I SCIENCE

Girls in Science Day • Women's Medical Alliance • Des Moines University

Des Moines University "Girls in Science Day" is Saturday, April 1, 2017, from 8 a.m. to 1 p.m. This popular, free event invites girls in grades 4-7 to experience hands-on activities that may inspire them to pursue careers in health care. Breakfast and lunch are provided. Girls should submit this application through their Des Moines Public School teacher.

Applications are due to teachers by February 10 • Girls will be selected by lottery and notified by March 1

1. Application Form: (Please Print)

Name of Student

School

Grade

Emergency Contact Name

Phone Number

Email Address

If your daughter/dependent has a medical condition we need to be aware of (e.g., food allergy), let us know:

I give permission for my daughter/dependent, _____, to attend Girls in Science Day at Des Moines University on Saturday, April 1. In the event of an emergency, I give permission for medical treatment to be provided. I also consent that photographs taken of my daughter/dependent may be used by Des Moines University for the purpose of illustration, advertising, trade or publication, in printed or electronic material.

Signature of Parent/Guardian

Date

2. Personal Statement: (Please attach via short essay, picture, poem...**BE CREATIVE!**)

What does a great health care professional look like to you?

I SCIENCE

Girls in Science Day ◦ Women's Medical Alliance ◦ Des Moines University

The Women's Medical Alliance of Des Moines University invites girls in grades 4-7 to explore the world of science at Girls in Science Day. We want to show you why science is exciting and important in your daily life. Have you considered a career in healthcare or the sciences? This is your chance to try them out.

Explore the world of science at fun, interactive stations!

Students will participate in several activities, such as:

ANATOMY

Use your eyes to see how things like smoking can hurt your lungs and use your brain to understand how a real brain works.

MICROBIOLOGY

Use a microscope and get a close look at the bacteria that cause common illnesses such as strep throat and ear infections.

OSTEOPATHIC MANUAL MEDICINE

Does your knee ever hurt? Do your parents ever complain of having back pain? Learn how your skeletal system and muscles work together, and how our students train to treat problems.

PODIATRY

Did you know there are 26 bones in your feet? At this station, we'll look at the structure and biomechanics of the foot and participate in a casting or taping activity.

SURGERY

We'll teach you how to scrub in for surgery and put on surgical gowns and gloves using the sterile technique in our mock operating room.

BASIC FIRST AID

Learn skills that will help you keep siblings and the kids you babysit safe, and how to respond in an emergency situation. Accidents happen and you can be empowered to offer help.

DERMATOLOGY

Our skin is our largest organ, and it's important to start healthy practices early. Make and take home products to use.

PHYSICAL THERAPY

What happens to our body when we're active? We'll get moving and see how our systems respond.



SATURDAY, APRIL 1, 2017

7:15 a.m.

Drop off

South entrance of the of the Student Education Center, 3300 Grand Avenue

Continental breakfast & check-in

Student Education Center Commons

8:15 a.m.

Brief intro of career options & overview of the day

Student Education Center Commons

8:30 a.m.

Stations

Student Education Center & Ryan Hall

12:30 p.m.

Lunch & Keynote

Student Education Center Commons

1 p.m.

Ice Cream Social & Pick up

South entrance of the of the Student Education Center, 3300 Grand Avenue