

MDRS Crew Application for 2013-2014

Greetings! Thank you for your interest in MDRS. We welcome applications from individuals who would like to be placed with a crew of compatible Marsonauts and from self-organized teams who would like to come to MDRS together. If you apply as a team, please read the following guidelines for self-organized crews and meet them as much as possible. In addition, both individuals and team should review the crew documents on the MDRS website as they will assist in the application process.

Please read through the questions carefully as our procedures have changed since last year in the following ways:

- 1) All members and alternates of self-organized teams must complete this Crew Application by the application deadline.
- 2) External directors may no longer apply on behalf of a team.
- 3) The application is a two part process. Once you have submitted this section of the application and it is approved, you will be sent an email explaining how to complete part two which consists of your research information.
- 4) Please use the following information as guidelines for developing a self-organized crew. Self-organized crews must meet these guidelines in order to be selected for a rotation. If you have any questions or concerns, contact us.

Guidelines for self-organized crews:

- All must be healthy people, used to outdoor activity such as hiking and camping. They should all be people capable of eating all normal types of food.
- At least three of the six must speak English well. At least one must be fluent.
- At least two of the crew should be natural scientists or natural science students. This is because the activity of the crew will be field exploration.
- At least two members of the crew should be people who are very good at fixing mechanical or electrical equipment. This is because in the desert things frequently break down and a crew needs to have some ability to deal with such events.
- At least one of the crew should be a person capable of expressing themselves well in writing, and be willing and able to send an account of each day's activity for publication on the internet.
- One of them must have the maturity and judgment and experience to serve as crew commander
- One person should have some medical experience, either first aid/CPR or wilderness first responder. Another person will need to have experience or an interest in managing crops in the

GreenHab.

- All should be people enthusiastic about space exploration in general, and Mars exploration in particular.
- All of them must be serious, responsible people. No people should be sent who like to do dangerous things for fun, or who are not careful with other people's property, or who are otherwise excessively immature.
- All crewmembers will need to spend two weeks at the station, arriving and leaving together. At least two of them should be able to drive a car.
- You need to choose a crew of people who can get along and work together well. You may also have alternate crewmembers. They will need to fill out an application as well. We may not approve an alternative crewmember after the selection process.
- The crew must all understand that they need to follow orders given to them by Mars Society's Mission Support. We do not direct all the crew's activity. Much of their research program, for example, will be self-generated. But when we tell them they need to do something, or that they must not do something, they need to follow instructions.

Please answer the following questions on the first page of your application. Do not include the questions, only your answers. Make sure you have answered all fifteen questions.

1. Please write your name. Include the following: Surname/Family name, Given name Title
(optional). What would you like to be called by your crewmates (if not your given name)?
2. Please write your postal address complete with postal code and country and denote whether the address is: Home, Work, School, or Other (please specify)
3. Do you have US citizenship, permanent resident status, a US visa that will remain enforce through May 2014, or will you acquire a tourist or other visa in order to visit?
4. Please list your email address.
5. Please give us your telephone number. Please include the country code if the number rings outside the US or Canada
6. Please give us your date of birth as day month year, e.g. 16 July 1984
7. Are you applying as: an individual applicant or as part of a self-organized team? Please list the name of your self-organized team's name, if applicable.
8. Please enter the dates of the rotations (listed below) that you are available to serve on a MDRS crew. Note, select as many rotations as you possibly can; the more flexible you can be, the higher your chances of being placed on a team and/or getting your preferred rotation. The Mars Society may not fill all available time slots.

Potential rotation dates for the 2013-2014 are:

December 7-21, 2013

December 21, 2013 - January 4, 2014

January 4-18, 2014

January 18, 2014 - February 1, 2014

February 1 - 15, 2014

February 15, 2014 - March 1, 2014

March 1-15, 2014

March 15-29, 2014

March 30 - April 12, 2014

April 12-28, 2014

Please add any optional comments or explanations concerning your available dates.

9. Please list your ILR level of English language proficiency according to the self-assessment at <http://www.govtilr.org>:

Elementary 1 2 3 4 5 Native/Bilingual

10. Do you have any dietary restrictions or food allergies? If so, please describe. If not, please enter "none".

11. Do you have a driver's license valid in the US?

12. If you have served on a space analog crew or long-term expedition crew in the past, please describe your experience. Specify the facility or location, the duration of your mission, the number of crewmembers serving with you, and your role in the mission.

13. For safety reasons, MDRS crew members must be physically fit enough to perform outdoor work in cold and/or hot conditions wearing heavy mock space suits. They must have sufficient fine motor skill for typical hand writing and typing tasks, and sufficient (corrected) visual and hearing acuity for independent (non-assisted) participation in all aspects of the crew's work and communications. Please choose one of the responses - if you choose the second, and are otherwise qualified to join a crew, one of our flight surgeons or managers will contact you to answer your questions and discuss your situation. Please write the following statement that applies to you on your application:

- I attest that I am sufficiently able-bodied to do all of these things.
- I am unsure about my fitness level, sight or hearing, and would like to discuss my situation with a flight surgeon or one of the MDRS management team.

14. MDRS is located at least 45 minutes from the nearest emergency medical service and about 2.5 hours from the nearest full service hospital. If you are accepted, we will ask you to complete a medical history

form for your flight surgeon's reference. If you have a major health condition that could impact your stay at MDRS (e.g. diabetes, asthma, high blood pressure, cancer, cardiovascular disease, blood clots, mental illness, autoimmune disease, major allergies or substance abuse issues), or have a history of any of these health conditions including heart attack or stroke, we will ask you to obtain clearance from your physician before participating at MDRS and to discuss your situation privately with one of our flight surgeons before accepting you to a crew. Please write the following statement that applies to you on the application:

- I attest that I do not have, and have no history of, any of the above-mentioned health conditions.
- I would like to discuss my situation with one of the MDRS flight surgeons.

15. Crews at MDRS live in close physical proximity to each other. If you carry a communicable disease which can be passed from person to person in a normal living environment (e.g. tuberculosis, Hepatitis C) we expect you to discuss your situation with the flight surgeons. If you select the second option, and are otherwise qualified to join a crew, one of our flight surgeons will contact you. Please write the following statement which applies to you on your application.

- I attest that I do not carry any communicable diseases.
- I would like to discuss my situation with one of the MDRS flight surgeons.

(END PAGE ONE QUESTIONS)

On page two- three of your application, please write a personal statement that addresses each of the following areas:

a) Read over the skill sets for the crew positions in a typical MDRS crew on the webpage and decide which ones are best suited to your skills, experience and interests. Roles include commander, executive officer, health and safety officer, crew engineer, GreenHab officer, crew geologist, crew biologist, crew astronomer, crew scientist, journalist. List the positions for which you are qualified to serve. Briefly describe your qualifications/training for each position and your interest in serving in each one. (250-500 words)

b) Describe any special skills or expertise that you have that would make you a particularly valuable member of a MDRS crew. In particular: medical, first-aid, or emergency-response training; construction, home-repair, computer/electronics troubleshooting, cooking, plant care; experience in field research, living in wilderness/remote settings, extreme environments, or aerospace projects; leadership experience especially in settings involving physical danger or ambitious goals. (250-500 words)

c) Tell us why you want to spend two weeks on a crew at MDRS conducting a Mars analog simulation. Describe the interests, ambitions and values that led you here to apply for this position. Discuss how you expect the MDRS experience to change you or help you change the world. Finally, tell us about the personal qualities and experiences that make you a great candidate for a MDRS mission. (250-500 words)

(END OF PAGES TWO-THREE OF THE APPLICATION)

To complete your application, please attach the following as the final page(s) of your application:

a) a resumé or curriculum vitae including names and addresses of three references. If you are a student, one of your references must be an academic mentor. If you are part of a team with an external director, he/she must be one of your references.

(END FINAL PAGES OF APPLICATION)

Please email your completed application as a word document to MDRSapplications@marssociety.org.

Deadline for applications is September 15, 2013. Both parts of the application must be completed by this date.

On to Mars!