**MDRS Crew Application for 2021-2022**

**PLEASE NOTE: In the past we have considered applications that did not follow the instructions completely. For this field season, no application will be accepted if instructions have not been followed. You are applying to participate in a professional program and following instructions is a required part of being an analog astronaut.**

**PART ONE OF THE APPLICATION:**

**Please answer the following questions on the first page of your application. Do not include the questions, only your answers. Applications with the questions included will not be considered.**

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 June 2022, or will you acquire a tourist or other visa in order to visit?

4. Please list the email address you want to use for all correspondence from the Mars Society (one only).

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 1994

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. Are you applying as a student, a recent graduate, or as a professional? If applying as a student, you will need to show proof of current registration prior to your arrival at MDRS. If you are applying as a recent graduate, you will need to show proof of graduation within one year of your rotation at MDRS.

## 9. 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. In addition, we also welcome applications for one, three, or four week rotations. Please indicate if you would like an alternation rotation length and the dates you would like us to consider.*

##  Potential rotation dates for the 2021-2022 are:

## (Please note that all rotations no longer overlap by one day. Your rotation will begin on the first Sunday of your scheduled time at MDRS and will end on the last Saturday. This scheduled will be in effect until a vaccine for COVID 19 is widely available.)

Oct 23- 30, 2021—Assigned

Oct 31- Nov 6—Assigned

Nov 7-20—Assigned

Nov 21-Dec 4

Dec 5-18—Assigned

Dec 19, 2021- Jan 1, 2022—Assigned

Jan 2-15

Jan 16-29

Jan 30-Feb12

Mar 13-26

Mar 27-April 9

April 10-23

April 24- May 7

May 8-21

May 22-29

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

**NOTE: Crew rotation numbers and dates are tentative and will probably change depending on crew assignments.**

10. 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

11. Do you have any dietary restrictions or food allergies? If so, please describe. If not, please enter “none”. Please be aware that it is your responsibility to address solutions to any food restrictions on your own. MDRS is not responsible for providing crewmembers with special food during their time at MDRS.

12. Do you have a driver’s license valid in the US?

13. If you have served on a space analog crew or long-term expedition crew in the past, please list 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.

## 14. 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, we may 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 one of the MDRS management team. (Also include what about your fitness level, sight or hearing that you may have and how you will manage it at MDRS.)

## 15. 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 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 may ask you to obtain clearance from your physician before participating at MDRS and to discuss your situation privately with us 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 management team. (Also include your health condition and how you will manage it at MDRS.)

16. 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 your doctor and disclose it with us. If you select the second option, and are otherwise qualified to join a crew, we 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 MDRS management. (Also include your communicable disease and how you will manage it at MDRS.)

17. Have you or anyone in your household tested positive or been treated for COVID 19? This will not have any bearing on your application but we do need this information for the health and safety of other people.

PART TWO OF THE APPLICATION

**Please address the following in a short summary paragraph:**

## Read over the skill sets for the crew positions in a typical MDRS crew in the instructions that accompany this application 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, and Crew Journalist/Artist/Communicator/Media Officer.  If you are applying as a professional Artist-in-Residence, please indicate this. Professionals may indicate their preference for a crew role other than those listed above. However, it is the responsibility of the applicant to provide evidence that they are qualified for this role and also that a significant part of their work at MDRS will reflect this role. It is at the discretion of the Crew Selection Committee to grant titles other than those listed.

## List the positions for which you are qualified to serve and rank them in order of preference. Please do not apply for a position for which you are not qualified. Fully justify, through your education and experience, why you are applying for the position. If you are applying as a team, please list only that role for which you have been assigned in that team, although you still must justify why you were selected for that role. If you are applying as both part of a team and as an individual, please indicate this in your answer to this question. Briefly describe your qualifications/training for each position and your interest in serving in each one. (250-500 words)

## PART THREE OF THE APPLICATION

## Please let us know about any of the following skills or experience you have that would make you a particularly valuable member of a MDRS crew. On your application, list only those things that you have notably more experience in than a normal MDRS crewmember. Give a short summary of your background and skills in all areas of expertise that you have listed.

## Do not list any of these things on your application for which you have no special skills or experience.

Member of The Mars Society or affiliates (e.g. Mars Society Australia, etc.)

Prior MDRS or FMARS crewmember

Prior member of other analog facility expedition (e.g. HiSEAS, NEEMO, D-RATS, etc.)

Member of a team whose home institution/group has a multi-year history
of successful participation at MDRS

Analog astronaut (simulation)

Mars Analog research (no simulation)

Medical Training (e.g. First aid, First responder, EMT, nurse, M.D.)

Greenhouse management

Field research (Geology/Geophysics, Biology, Meteorology, etc.)

Lab research ( Chemistry, Biology, Physics, Horticulture, etc.)

Living off-grid

Living/working in wilderness/remote setting

Working in extreme environments

Leadership

Group participation showing a long term commitment, for example, clubs
that you have participated as an active member over a period of time
(does not have to be Mars/Space related)

Home repair and maintenance (e.g plumbing, carpentry, electrical, heating/cooling, propane and water pumps)

Mechanical skills (e.g engine repair and maintenance)

Electronic skills (e.g. soldering, measurement, testing, troubleshooting and repair)

IT skills (e.g.operation, configuration and connectivity of computers, Wi-fi, networked devices, basic network commands)

Communications (e.g. ham radio operator, repeater operations)

Aviation experience, including drones

Cooking

Travelling by ATV and/or 4WD

GPS and map reading

Expedition management

Social media

Multi-lingual

Communication and collaboration with diverse cultural groups not centrally located

Maintenance and cleaning of a research facility

Maintenance and cleaning of a communal living facility

Graduate education

Specialized training related to analog research

Relevant licenses/certificates held

Prior published research on Mars analog research

Any other skills you feel are relevant to being a crewmember at MDRS

## PART FOUR OF THE APPLICATION:

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

a) A simple resumé or curriculum vitae including the names and addresses of three references. Please submit as a word doc and do not include a photo. 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 the references for each member of the team.

b) A formal one-page summary of all research (scientific and engineering), outreach, education and media activities you will be proposing for your stay at MDRS. Be sure to include names of collaborators and sponsors, as well as your institutional affiliation for this research. If the research involves human factors, please include your plans for IRB approval. If you will require special permission for land use, and/or special use of MDRS facilities, please include this is your research. You will be asked to update these documents within 30 days of your arrival at MDRS, but it is important that you give us as many details as you can for your applications.

c) Any additional paperwork required by your crew per application instructions.

**Please email your completed application as a SINGLE word document (no pdf’s or other formatted documents will be accepted) to** **MDRSapplications@marssociety.org**.

You may also attach a team proposal to your application, as long as we also receive a **separate** completed individual application for all applicants.

On to Mars!