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## Welcome to the Spring 2022 edition of the Jus Ad Astra Newsletter!

*Leading the analysis, development, and adoption of human rights across outer space for the benefit of humanity.*

The newsletter is transitioning from a monthly to quarterly publication. We hope this will provide more informed content for our supporters moving forward!

As life gradually returns to normal in a post-COVID world, our team members are continually engaged in new opportunities to cultivate, collaborate, and cooperate on the growing importance of human rights issues across the final frontier.

In this edition of the newsletter we focus on recent updates surrounding the project, highlight ways to contribute, and shine a light on recent and important space law developments.

- Jane Andrews

### Updates

AJ Link and Alyson Decker contributed to the Northern Illinois University Law Review!

**Working in Space: The Final Frontier of Remote Work by Alyson Decker**

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Alyson Decker is set to represent the project at the upcoming International Astronautical Congress 2022 in Paris.

[IAC Link](#)

The International Humans in Space Summit 2022 is being organised by Research Director Dr. Rowena Christiansen. The online summit will be held between 7-11 November, and encompass such themes as health, biology, governance and gender issues in the outer space context.

[International Humans in Space Summit 2022](#)

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## Contribute

We love to hear from our readers. Share your thoughts and engage with project member Alyson Decker on Twitter!

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Space peeps! For my IAC Interactive Presentation I am trying to get some Twitter engagement going and would love for you to tweet about your space inspiration and what you would like to see preserved in space. Let's get [#myspaceinspiration](#) and [#preservespace](#) trending!

to space in the first place? What or site in space that you  
o pursue a career in aerospace? I e generations, what v  
le to experience? Join me (@Aly: r10) and others on T  
hare your space inspiration, and et to include #IAC202

What first drew me to space was how vast and different it was from Earth. It seemed to be a place of endless possibility with landscapes and colors that are so dynamic that they seem impossible to comprehend. Oh, and being

I would preserve the Rings of Saturn in their untouched natural state for future generations. They are completely unique in our solar system, an iconic representation of space, and scientifically and aesthetically a truly superlative

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# WANT TO CONTRIBUTE TO JUS AD ASTRA?

SEND US A 100-200 WORD  
OPINION ON AN AREA OF SPACE  
LAW, AND WE WILL SHARE IT ON  
OUR SOCIAL MEDIA!

## Space Law News

### Space Warfare

The *McGill Manual on International Law Applicable to Military Uses of Outer Space: Volume I - Rules*, is now available. The Rules will provide guidance on military principles in outer space. This development underscores the relationship between conflict and the established human right to peace.



### Space Mining

Prominent space law experts, including Michelle Hanlon, have provided their perspectives on mining in outer space, including its impact on international law. This development underscores the relationship between the environment

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## Space Mining Article

### Space Industry Cybersecurity

Germany has provided a model to protect satellites in all stages of operation from cyber threats. This development sheds light on the growing intersection between cybersecurity, human rights, and space - noting how degraded internet access via space-based infrastructure may impact upon the human right to internet access.

## Space Cybersecurity Standards

### UK Space Defence

The United Kingdom has produced a Joint Doctrine Publication on 1 September 2022 outlining its position on space as an operational domain. It highlights the growing trend of governments exploring the defensive uses of outer space, and serves to highlight the connection between conflict and the human right to peace.

## UK Joint Doctrine on UK Space Power

### Space Health

A new study by the Mount Sinai Medical Hospital found that short flights to outer space may cause gene mutations that cause cancer and heart disease. This development underscores the need to rethink the idea of risk, health and safety standards in the outer space environment - where the ability to fulfil the human right to life and health may require a reconceptualized perspective.

## Mount Sinai Medical Hospital Study



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