GREY MATTERS

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FEATURING

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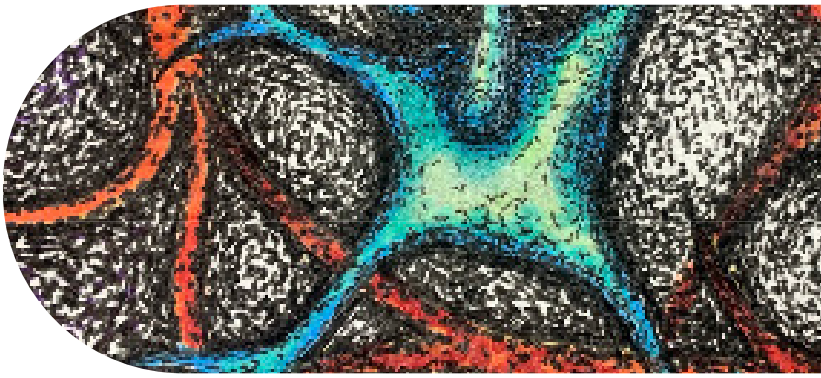

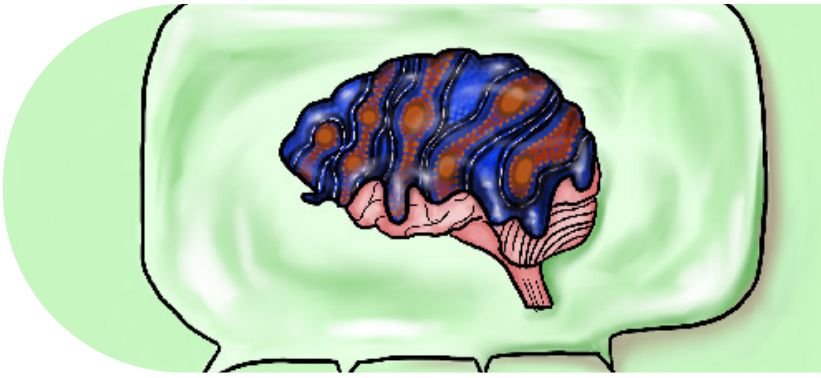

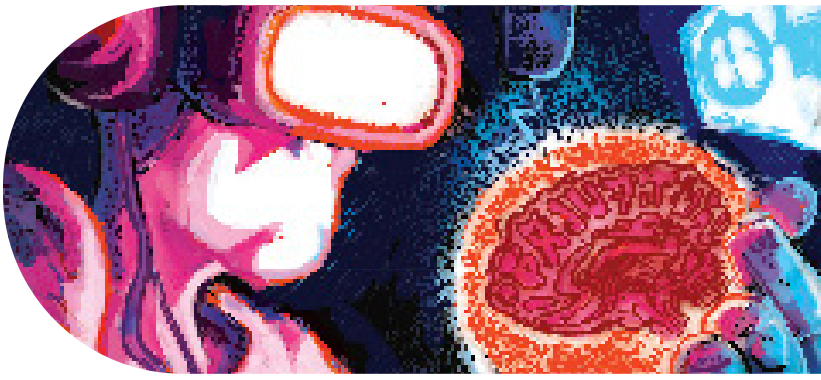

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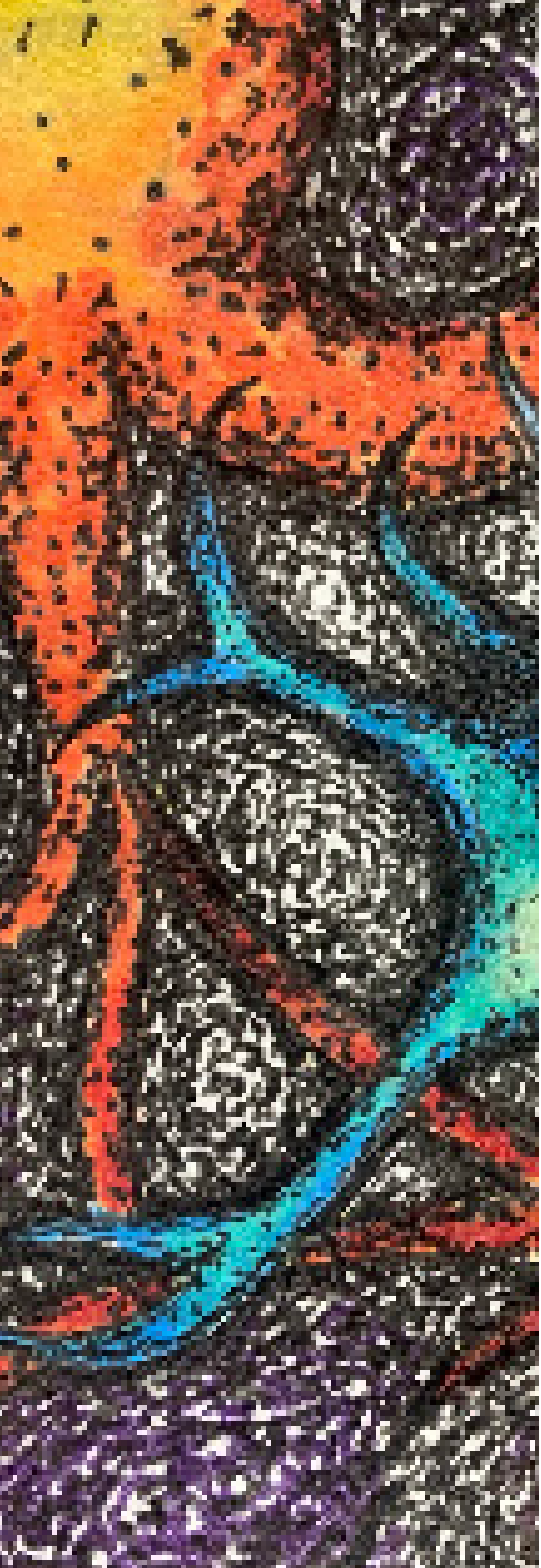

ON THE COVER

Art by Willow Tapp

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SPECIAL THANKS

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EDITOR'S NOTE

It is with great pride and pleasure that we welcome you to the eighth issue of Grey Matters Journal TU. This issue includes an extensive presentation of the hard work and efforts demonstrated by members of the Temple community. In this issue, you will find a plethora of articles and creative art pieces that are truly representative of the amazing work of the contributors.

I started Grey Matters as an author during the Fall of 2021, my first year of college. The articles' incredible scientific volume and the journal's creative spirit inspired me. From my time as an author to Senior General Editor and, eventually, as Editor-in-Chief, I have been privileged to witness the ideas put forth by members of the Temple community. I am grateful for the lessons I have learned so far. This semester, I could not be more excited for you all to read the ten articles they produced, spanning topics from virtual reality for stroke rehabilitation to neurobiological mechanisms of drug addiction to Indigenous voices in neuroscience.

While reviewing some of the topics in this issue, you may wonder how the brain influences the actions of criminals; in this case, I recommend reading Wired for Crime, How Brain Differences Shape Criminal Behavior. Alternatively, you may be curious about how Eastern medicine can treat physical and mental ailments, which you can read in Ayurvedic Medicine: The Enhancement of Ancient Medical Practices on the Quality of Our Brain. If you recently found yourself in love and are curious about the line between love and addiction, I would recommend reading Lover's High: The Neuroscience behind Love and Love Addiction. However, if you are more interested in a different type of addiction–the addiction behind sensation seeking in extreme sports–I would recommend reading Addicted to the Rush: The Anatomy of Sensation Seeking in Extreme Sports Participants. These are a few articles you might read from this issue.

An important aspect of Grey Matters is ensuring that neuroscience is accessible to everyone. I strongly encourage you to read these articles even if you do not have a background in the topic. These articles will encourage you to pursue your curiosities and inspire you to learn more about the brain.

Enjoy the following articles and artwork. Thank you for your support from all of us at Grey Matters TU.

Kind regards,

Caedyn Lipovsky

Editor In Chief

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ADDICTED TO THE RUSH: THE ANATOMY OF SENSATION SEEKING

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INDIGENOUS VOICES IN NEUROSCIENCE: TRANSFORMING RESEARCH PRACTICE

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THE ENHANCEMENT OF AYURVEDIC MEDICINE ON THE QUALITY OF OUR BRAINS

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