

Liminal SPACE



A young mother's investigation to understand her journey back to consciousness, and how her pregnancy restored her identity.



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Logline: Liminal Space is a documentary film exploring the intersection of neuroscience and maternal health, where the exceptional neuroplasticity of parenthood, and especially Matrescence, is enhanced by the biosynchronicity of developing child brains and their parents, reinforcing generational health.

Synopsis: Through interviews with neuroscientists, maternal health experts, neuro-endocrinologists, and four other 'miracle mothers' who've also experienced healing through pregnancy, Alicia will document her journey for understanding and reveal the breakthroughs happening *right now* in medical science, where studies of pregnancy and neurology intersect. Her own personal story of miraculous healing after a 13-day coma provides the entry point, where Alicia becomes our guide, and takes us along with her on this investigative personal exploration.

Pregnancy - a catalyst for healing

On September 13, 2011, in the second week of a grad school studying screenwriting, Alicia crashed her bike, sustained a severe Traumatic Brain Injury (TBI,) and fell into a coma for thirteen days. Conventional Medicine gave her a grim prognosis, and foretold lifelong dependency on treatments for brain injury related complications. Alicia, though, was just starting out in the life of her dreams, and she wanted a family. When her mother arrived at her rehab facility two weeks after her initial awakening, her short-term memory was revived by her mother's voice, and she shared her deep desire to have a baby. Against the odds, Alicia worked hard to recover quickly, complete her MFA program, get married and start her career in filmmaking. She turned to alternative therapies, like acupuncture and yoga, which helped restimulate her hormonal deficiencies from TBI pituitary damage. She still struggled with amnesia, which made her identity uncertain, and she wasn't having periods. In August 2015, after a 30-day yoga challenge to get her periods back, she conceived. During her pregnancy, Alicia's memory, moods and identity slowly improved each day, until she was reborn when she gave birth to her daughter. This miracle inspired the urgency to share this story and understand the scientific power of female reproduction and pregnancy, for the world.

Burgeoning Science

In her early research, Alicia confirmed that her pregnancy was, in fact, responsible for her experience of neurological healing. Human Growth Hormone (HGH) is the only known organic substance that will regenerate damaged neuron tissues, and it surges through the mother's blood stream during pregnancy. In addition to HGH, all reproductive hormones surge during pregnancy, along with stem cells and other regenerative substances that repair damage within the mother and fit her for the demanding job of caring for an infant human. Emerging neuroscience, as confirmed by Alicia's lead scientist in this project, Dr. Greer Kirshenbaum, shows that *all parents*, both women and men, experience a hormonally driven exceptional neuroplasticity during Matrescence and Patrescence, and it is now becoming known as a developmental life cycle stage, like adolescence. Birth Mothers do experience the most profound neuroplasticity due to their hormonal changes starting during pregnancy, and continuing through Matrescence. Alicia will tell this story from her own perspective, and document her investigation into the mystery of how her memory, balance, and personal identity was restored by her pregnancy and becoming a mother.

Treatment - Using *Waking Life* and *The Crash Reel* as models, this film will include a combination of live action interviews with experts, and *rotoscope* animated recreations of past scenes that will illustrate the connection between brain function and behavior, the healing power of ancient medicines of yoga and acupuncture, as well as the miraculous healing process that Alicia experienced during pregnancy. A positive, powerful tone of discovery and lightheartedness will carry the story.

Work in Progress Sample: <https://f.io/wD6p-HRn>

Password: PBSTeaser2024