

Study Guide to GATTACA



Director: Andrew Niccol
Screenplay: Andrew Niccol
Starring: Ethan Hawke, Jude Law, Uma Thurman, Gore Vidal
Release date: 20 March 1998
Running time: 106 minutes

Key Concept

Genetics, genetic engineering, determinism, freedom, identity, discrimination

Summary

As soon as Vincent (Ethan Hawke) is born, his DNA is analyzed and his future capabilities are predicted—including the fact that he has a 99% chance of dying of a heart disorder when he is 30 years old. As a result, he is doomed to a life of menial

labor.

However, he is determined to get to Gattaca Space Academy and join space missions. Through his sheer determination—and the use of someone else's very superior DNA which he buys illegally—he manages to achieve his ambition. The film ends with him taking off in a rocket for Titan: he has overcome his genetic limitations and is free.

Advertising Taglines: "How do you hide when you are running from yourself?"
"There is no gene for the human spirit."

Cultural significance

Hardly a week passes without claims by scientists that they have isolated the gene for some particular disease or trait. Increasingly we are told that mental and emotional characteristics can be attributed to our DNA. Insurance companies want to increase genetic testing in order to identify high-risk applicants for life insurance. More and more we are being defined by our genetic make-up. Gattaca explores these issues.

Biographical background

Gattaca is New Zealander Andrew Niccol's second major screenplay and was his debut as a director. He says, "My genes made me do it. I don't know when I first thought of it, but you can open a newspaper today, and I'm certain that you'll read something about a new gene, and it became inescapable for me as a story idea." He had earlier written the screenplay for The Truman Show.

Overview

The film opens with a text from the Bible – Ecclesiastes 7:13 "Consider what God has done: Who can straighten what he has made crooked?" It continues to tell how our civilization may, in the not too distant future, attempt to do this.

This is a world in which women take swabs of their lips to catch the saliva from a potential husband's kiss in order to have the DNA analyzed - to assess their positive and negative attributes. It is a world in which pianists are genetically engineered so that they can play pieces "that can only be played with 12 fingers". It is a world in which police and security checks are carried out by immediate DNA analysis from blood samples.

Vincent, the main character, was conceived by a young couple in love – in the back of a car rather than in a laboratory. Thus he was destined to be a second class citizen along with others born in the same way – and called "faith births" or "degenerates" or "invalids". Within seconds of his birth his DNA was analyzed and

Gattaca Study Guide Answers

Vincent Verret



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Study Guide for Memmler's The Human Body in Health and Disease, Enhanced Edition Kerry L. Hull, Barbara Janson Cohen, 2020-05-15 Help your students maximize their study time improve their performance on exams and succeed in the course with this updated Study

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The Human Genome Project in College Curriculum Aine Donovan, Ronald Michael Green, 2008 Begun formally in 1990 the U S Human Genome Project's HGP goals were to identify all the 20 000 to 25 000 genes in human DNA determine the sequences of the three billion chemical base pairs that make up human DNA store this information in databases improve tools for data analysis and transfer related technologies to the private sector It was the first large scientific undertaking to address potential issues that arose from project data and opened up vast possibilities for the use of genetic data and the alteration of our genetic makeup This volume is the first to address the diverse range of ethical issues arising from the HGP and enables professors to bring this critically important topic to life in the classroom

Emerging Evangelicals James S. Bielo, 2011 The Emerging Church movement developed in the mid 1990s among primarily white urban middle class pastors and laity who were disenchanted with America's conservative Evangelical sub culture It is a response to the increasing divide between conservative Evangelicals and concerned critics who strongly oppose what they consider overly slick corporate and consumerist versions of faith A core feature of their response is a challenge to traditional congregational models often focusing on new church plants and creating networks of related house churches Drawing on three years of ethnographic fieldwork James S Bielo explores the impact of the Emerging Church movement on American Evangelicals He combines ethnographic analysis with discussions of the movement's history discursive contours defining practices cultural logics and contentious interactions with conservative Evangelical critics to rethink the boundaries of Evangelical as a category Ultimately Bielo makes a novel contribution to our understanding of the important changes at work among American Protestants and illuminates how Emerging Evangelicals interact with the cultural conditions of modernity late modernity and visions of postmodern Christianity James S Bielo is Visiting Assistant Professor of Anthropology at Miami University in Oxford OH He is the author of Words Upon the Word An Ethnography of Evangelical Group Bible Study NYU Press and editor of The Social Life of Scriptures Cross cultural Perspectives on Biblicalism

Making Sense of Nature Noel Castree, 2013-08-15 We listen to a cacophony of voices instructing us how to think and feel about nature including our own bodies The news media wildlife documentaries science magazines and environmental NGOs are among those clamouring for our attention But are we empowered by all this knowledge or is our dependence on various communities allowing our thoughts sentiments and activities to be unduly governed by others Making Sense of Nature shows that what we call nature is made sense of for us in

ways that make it central to social order social change and social dissent By utilising insights and extended examples from anthropology cultural studies human geography philosophy politics sociology science studies this interdisciplinary text asks whether we can better make sense of nature for ourselves and thus participate more meaningfully in momentous decisions about the future of life human and non human on the planet This book shows how nature can be made sense of without presuming its naturalness The challenge is not so much to rid ourselves of the idea of nature and its collateral concepts such as genes but instead we need to be more alert to how why and with what effects ideas about nature get fashioned and deployed in specific situations Among other things the book deals with science and scientists the mass media and journalists ecotourism literature and cinema environmentalists advertising and big business This innovative text contains numerous case studies and examples from daily life to put theory and subject matter into context as well as study tasks a glossary and suggested further reading The case studies cover a range of topics range from forestry in Canada and Guinea to bestiality in Washington State to how human genetics is reported in Western newspapers to participatory science experiments in the UK Making Sense of Nature will empower readers from a wide range of fields across the social sciences humanities and physical sciences

Prenatal and Preimplantation Diagnosis Joann Paley Galst, Marion S. Verp, 2015-08-26 This book aims to expand the awareness and understanding of the emotional sequelae of prenatal preimplantation diagnosis prenatal decision making pregnancy interruption for fetal anomaly multifetal reduction for high order multifetal pregnancies and preimplantation choices involving the selection of embryos Featuring a multi disciplinary approach it examines prenatal and preimplantation diagnosis from medical legal ethical and psychosocial perspectives Prenatal and Preimplantation Diagnosis is an excellent resource for obstetricians reproductive endocrinologists clinical geneticists genetic counselors and mental health professionals seeking to better support patients faced with difficult choices Cambridge Wizard Student Guide

Gattaca Marcia Pope, Richard McRoberts, 2003-04-02 Gattaca is a thought provoking SF film centred on a key contemporary issue genetic engineering In this study guide two experienced teachers one a film lecturer offer background on the movie explaining how to read it in cinematic terms before taking you through the film scene by scene drawing out its subtext in easy to understand language and offering you key quotes to use Also offered are generous notes on characters themes critical reviews and finally a full length A exam essay on the text

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