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# Site To Download The Stardust Revolution New Story Of Our Origin In Stars Jacob Berkowitz

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**KEY=STARDUST - EVELYN FRANCIS**

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**THE STARDUST REVOLUTION**

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**THE NEW STORY OF OUR ORIGIN IN THE STARS**

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**Prometheus Books Three great scientific revolutions have shaped our understanding of the cosmos and our relationship to it. The sixteenth and seventeenth centuries witnessed the Copernican Revolution, which bodychecked the Earth as the pivot point of creation and joined us with the rest of the cosmos as one planet among many orbiting the Sun. Three centuries later came the second great scientific revolution: the Darwinian Revolution. It removed us from a distinct, divine biological status to place us wholly in the ebb and flow of all terrestrial life. This book describes how we're in the midst of a third great scientific revolution, five centuries in the making: the Stardust Revolution. It is the merging of the once-disparate realms of astronomy and evolutionary biology, and of the Copernican and Darwinian Revolutions, placing life in a cosmic context. The Stardust Revolution takes readers on a grand journey that begins on the summit of California's Mount Wilson, where astronomers first realized that the universe is both expanding and evolving, to a radio telescope used to identify how organic molecules—the building blocks of life—are made by stars. It's an epic story told through a scientific cast that includes some of the twentieth century's greatest minds—including**

Nobel laureate Charles Townes, who discovered cosmic water—as well as the most ambitious scientific explorers of the twenty-first century, those racing to find another living planet. Today, an entirely new breed of scientists—astrobiologists and astrochemists—are taking the study of life into the space age. Astrobiologists study the origins, evolution, and distribution of life, not just on Earth, but in the universe. Stardust science is filling in the missing links in our evolutionary story, ones that extend our family tree back to the stars.

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## **HOMO LUMINOUS**

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Mike Frost David Werden wants nothing more than to lead a quiet, ordinary life. But his world is turned upside down when an unknown event changes the face of the planet. Realizing he cannot live alone in the ruins of the old world, and compelled by a strange internal force to reach the sea, he sets out on foot, carrying what he can, struggling against the harsh post-apocalyptic environment to search out others who may still be alive. Thrust into the leadership of a band of survivors, David struggles to scratch out the necessities of life while dealing with the staggering destruction and overwhelming sense of loss - and begins to understand the tragic and marvelous events that have occurred to the planet and to humanity itself. Finding love and betrayal, he must fight those who cling to the old world with all their strength and those who wish to stamp out the growing number of people coming to terms with their new levels of perception and insight into the Universal Mind.

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## **SYNCING FORWARD**

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1st Place Gold Award in the 2015 Feathered Quill Book Program for Science Fiction/Fantasy! Finalist in the 2014 Book Pipeline Contest! Travel to the future - it will only cost you everyone you love. Attacked and injected with a drug which slows his metabolism to a fraction of normal, Martin James becomes an unwilling time traveler who hurtles through the years. His children grow up, his wife grows older, and his only hope is finding the people who injected him in the first place- not an easy task when one day for Martin lasts four years. And while Martin James strives to find a cure before everyone he loves is gone, others are uncertain if his journey can be stopped at all. W. Lawrence weaves a dystopian future filled with the best and worst of humanity, highlights the blessings and curses of technology, and pushes the limits of faith and hopelessness. Above all, Syncing Forward is a tale of one man's love for his family, and their devotion to saving him from being lost forever.

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## **TALES OF SPACE AND TIME BY H. G. WELLS**

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### **POPULAR BOOKS BY H. G. WELLS : ALL TIMES BESTSELLER DEMANDING BOOKS**

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**BEYOND BOOKS HUB** A collection of three short stories and two novellas written between 1897 and 1898. All the stories had first been published in various monthly periodicals and this was the first volume to collect these stories. contains "The Crystal Egg" "The Star" "A Story of the Stone Age" "A Story of the Days To Come" "The Man Who Could Work Miracles"

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## **THE STARDUST REVOLUTION**

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### **THE NEW STORY OF OUR ORIGIN IN THE STARS**

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Rowman & Littlefield In 1957, as Americans obsessed over the launch of the Soviet Sputnik satellite, another less noticed space-based scientific revolution was taking off. That year, astrophysicists solved a centuries-old quest for the origins of the elements, from carbon to uranium. The answer they found wasn't on Earth, but in the stars. Their research showed that we are literally stardust. The year also marked the first conference that considered the origin of life on Earth in an astrophysical context. It was the marriage of two of the seemingly strangest bedfellows—astronomy and biology—and a turning point that award-winning science author Jacob Berkowitz calls the Stardust Revolution. In this captivating story of an exciting, deeply personal, new scientific revolution, Berkowitz weaves together the latest research results to reveal a dramatically different view of the twinkling night sky—not as an alien frontier, but as our cosmic birthplace. Reporting from the frontlines of discovery, Berkowitz uniquely captures how stardust scientists are probing the universe's physical structure, but rather its biological nature. Evolutionary theory is entering the space age. From the amazing discovery of cosmic clouds of life's chemical building blocks to the dramatic quest for an alien Earth, Berkowitz expertly chronicles the most profound scientific search of our era: to know not just if we are alone, but how we are connected. Like opening a long-hidden box of old family letters and diaries, *The Stardust Revolution* offers us a new view of where we've come from and brings to light our journey from stardust to thinking beings.

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## **CREATING CHARACTER**

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## **BRINGING YOUR STORY TO LIFE**

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All fiction is character-driven, according to William Bernhardt. How can you use characters to create dynamic fiction that will captivate readers? This book explains the relationship between character and plot, and how the perfect melding of the two produces a mesmerizing story.

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## **WITH ONE MORE LOOK AT YOU**

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**WHEN IT COMES TO LOVE, SOMETIMES IT TAKES THE HEAD YEARS TO DISCOVER WHAT THE HEART HAS ALWAYS KNOWN** When Forbes Branson was a young man ready for something new. A senior in high school, he was the golden boy. Heir to a fortune, he knew what his life was going to be. But he wanted adventure first. A year to do what he wanted, where he wanted before college. An unexpected betrayal would change everything. Sophie Lipton was fifteen the first time she set foot on the Branson ranch. Dragged from one place to another, never having more than one pair of shoes or enough to eat, the moment she saw the wide open spaces, she felt she could breathe for the first time in her life. It was the home she always dreamed of. But her happiness came at a price. To stay in her new home, Sophie had to keep somebody else's lies. Lies that would eventually tear apart a family. And tear apart her friendship with Forbes. Coming home is never easy-especially after twelve years. Forbes isn't the same young man. He found his adventure-and more. Weary, he's ready to settle into a slower, calmer life. Working on his family's ranch and taking the job as Chief of Police sounds like a piece of cake after the things he had seen and done. Sophie isn't the quiet girl Forbes remembers. She's grown into a strong, confident woman. A woman used to being in charge. The Branson ranch is her territory now. If Forbes thinks he's going to waltz back in and take over, he's going to find out fast that Sophie is no pushover. Twelve years ago, they shared one goodbye kiss. More sweet than passionate. Now, as adults it's a whole new game. The attraction between them is undeniable. Just as they begin to move forward, the past has other ideas. Secrets rarely stay buried forever. Lies. Betrayal. Maybe even murder. Before Forbes and Sophie can think about the future, they will need to deal with the past. Together.

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## **THE SEEDS OF NEW EARTH (THE SILENT EARTH, BOOK 2)**

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CreateSpace The Earth is in ruins. Cities and nations destroyed. Mankind is extinct. Brant and Arsha are synthetics, machines made in the image of people. They dream of bringing humans back into the world and have the technology to succeed, but the obstacles in their way are mounting. Not only are their own conflicting ideals creating a rift between

them, but now the sinister Marauders are closing in as they seek revenge on Brant. Out in the wasteland, strange lights and mysterious objects in the sky herald the arrival of new factions that seek to control the region. Even in the once quiet streets of their own city, malevolent forces are beginning to unfurl that threaten the sanctity of everything they hold dear, jeopardising the future that is within their grasp. The Silent Earth Series Book 1 - After the Winter: [amazon.com/dp/B00P02FBPM](https://www.amazon.com/dp/B00P02FBPM)

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## **JURASSIC POOP!**

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### **WHAT DINOSAURS (AND OTHERS) LEFT BEHIND**

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A&C Black Looks at what scientists can discover about the past from investigating dinosaur excrement.

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## **HIGHLANDER AT HEART**

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When past and present unite, hearts collide!!!! Ceana has spent her life dreaming of becoming an archaeologist and unlocking the mysteries of the past. However, her own past is a mystery that eludes her until the very man, who has been haunting her dreams, walks through the doors of her family's business and sends her comfortable life into a downwards spiral. She is about to learn that she herself is linked to the past that she has been studying, in more ways than she could ever imagine. Kessan, a fearsome highlander is torn between protecting his family from destruction and death at the hands of an evil magic, and going through time to find the one person who may be able to defeat the evil that is raging through the highlands. Travel through time and space with Ceana and Kessan, as they battle family secrets, forces of evil and love. Lives are lost, bonds are formed and secrets uncovered, as Ceana and Kessan try to defeat an evil so dark that it threatens to consume everything.

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## **TOO MANY SISTERS**

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Callie Armstrong's personal life was already in turmoil. Now circumstances are forcing her to share her successful music production company with three business partners. One partner wants her husband. One partner wants her money. One partner wants her trust- even while keeping secrets. Is this how it is with all sisters? Callie has decisions to make and secrets to uncover and lies to unravel in the midst of the family chaos. The only thing she knows for sure is that when they're all together, it's just too many sisters. .

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## **I AM TAN**

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A bi-racial boy named Christian, spends an interesting day learning about race, color and stereotypes. By the end of the day, he learns to embrace all of who he is. He knows that the world is full of white, black, brown, red and yellow people, but he also sees that there are many mixed children like him, who are in between these basic colors.

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## **ALONE IN VIETNAM**

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Robert B Boyd Jr

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## **DOCTOR ZHIVAGO & AN ANATOMY OF A REVOLUTION**

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CreateSpace An anatomy of a revolution through the perspective of a free individual. "This is how Greece became Rome and how the Russian Enlightenment became the October Revolution." Doctor Zhivago -- Boris Pasternak

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## **PIRATE JOURNEY**

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Createspace Independent Pub Dave Adams is a teenager standing at a crossroads in his life. He's lonely, a bully in need of direction. Through the pages of an ancient, leather-bound journal, Dave makes contact with an ancestor, James Adams, captain of a seventeenth century sailing-ship. Captain Adams is also straddling a fence, and the life of an honest sea-going merchant pales in comparison to the excitement and opportunities available for a captain willing to do what it takes to get ahead. Will the captain's decisions take him and his crew where they want to go? And how will those decisions affect Dave as he makes his way through high school and finds his first summer job? Pirate Journey explores the parallel lives of a scurvy sea captain and a high school bully as they make decisions and face the consequences of their choices, both good and bad.

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## **EIGHT DAYS IN OCTOBER**

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A teenage boy uncovers a horrific family secret. A widower seeks vengeance on the creatures that killed his wife. A drug addled writer stalks the woman of his dreams, a woman much more sinister than she appears. A federal agent races to find the cursed relic powering this city full of spooks, spirits, and serial killers. The lives of these and others will collide in the dark and dangerous streets of Adderlass. A seed of evil was planted under Adderlass, a city where

monsters hide behind masks of humanity and ordinary people shuffle anesthetized and addicted by the sickly supernatural power wafting up from below. The city was built over the crystalline skull of a bloodthirsty beast. Now, the hunt is on for this lost treasure and whoever finds it first will control the fate not only of Adderlass but of the entire world. Sixteen-year-old Simon Cubbins, young and naive, may be the key to unlocking the mystery buried in this twisted labyrinth of hidden agendas. He also unknowingly harbors a secret that could destroy the Cubbins bloodline. As different characters fight for control over Simon, he will have to decide whether or not to carry on his family's legacy.

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## **FAST 40**

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### **VOL. 1 - NEEDS, WANTS AND DESIRES: VOL. 1 - NEEDS, WANTS AND DESIRES**

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Panorama Creative Group 40 Photos. 40 Stories. 40 Moments. Photographs freeze moments in time that would have otherwise escaped into memory and beyond. Each photo tells a story of what was, at that moment, real. Collected here are 40 such moments. Whether jumping off points for bigger tales, or self-contained stories that complete the moment, Fast 40 offers a view into other worlds. Each story won't take long to complete, but might tempt you to examine the moments happening around you from a different perspective.

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## **NO PLACE LIKE EARTH**

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Createspace Independent Publishing Platform A child's dream takes us on a journey through space. The child looks for a place to land while exploring each planet, but some are too hot, some are too cold, and some are just made of liquid and gas. Only planet Earth is just right. Fun rhyming text introduces children to each planet and basic facts about it. The text is accompanied by stunning images of a rocket traveling through the solar system, interspersed by close up images of each planet in order. While each planet is amazing in its own way, there is only one we can call home. If parents choose, this can be the start to a conversation about how we can take better care of our planet. Visit [lorifettner.wordpress.com/no-place-like-earth/](http://lorifettner.wordpress.com/no-place-like-earth/) to see sample pages from the interior.

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## **OTHER REALMS: VOLUME ONE**

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Other Realms: Volume One is the first book in a new series that collects original short stories by fantasy and sci-fi

author Shaun Kilgore. In this volume, you'll be taken to far off fantasy worlds filled with magic, adventure, and the games of noble houses and the plights of brave warriors. This book contains ten stories, including "A Reckoning," "Death To The Messenger," "Midwinter Night," "Oathsworn," "The Beast Of Mern," "The Prophet's Return," "The Risen Queen," "The Ruling," "The Traitor," and "Winds Of Fate."

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## MR LAZARUS

' ... a surging intensity that keeps the reader glued to the page.' - New York Times London. 1970. Vicky Graham, an unsuccessful film producer at the BBC, crosses the path of Luciano Raffi, a famous violinist, as he performs at the Proms. For Vicky he represented something she could not have, but something she longingly craved for. A chance to lift her out of the unloving greyness of everyday life. Through her job at the BBC, she is able to organise an interview with him, but their meeting triggers a renewed obsession with him. The reason? Luciano has something in common with Vicky - they both know about the portal. A secret history, nearly untraced, connects these distant souls. But will it last? Raffi is about to disappear from her life... To get him back, she must travel to where and when she had never expected. She must uncover the secret history of the portal... Mr Lazarus is the latest book in Patrice Chaplin's series following The City of God and The Portal. Chaplin is a renown international bestselling author. Praise for Patrice Chaplin 'Powerful romantic fiction in the tradition of Emily Bronte.' - Guardian ' ... a surging intensity that keeps the reader glued to the page.' - New York Times 'Genuinely witty horrors' - The Observer Patrice Chaplin is an author, journalist and playwright. She first visited the city of Gerona, in Spain, when she was 15 and it was then that she learnt about the Grail mystery. Throughout her life she has maintained an active interest in the history of the Grail and has lived in Spain and France. She has published more than 36 books, plays and short stories.

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## MEMPHIS 1873

CreateSpace Having survived the worst effects of the Civil War, the city of Memphis, battered but unbowed, finds itself facing a far more dangerous foe. It is invisible, lethal, and unstoppable: a plague of yellow fever. It is the story of JP Mahoney, 14-year-old farm boy who dreams of escape from tedious chores and farmlife routine. It is the story of a courageous young woman, Ginnie Moon, onetime Confederate spy, who now operates a boarding house for men who have survived the war. And it is the story of Kevin O'Boyle, an embittered riverfront laborer, who blames the world for his troubles, and finds the crippled city his perfect prey. Several characters in the novel are actual historical figures,

most notably Ginnie Moon, Judge "Pappy" Hadden, and Cap'n Jim Lee. Their actions, and those of the other characters, are entirely fictional. The plague, one of several to hit the city in the years following the war, was all too real.

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## **ORB**

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Gary Tarulli Three months outbound from Earth and the starship Desio approaches its planetary destination, her crew eager to commence a mission of scientific discovery. Kyle Lorenzo, however, has a personal reason for being on board--an inner conflict that will ultimately propel him to explore not only of the furthest reaches of an enigmatic ocean world but the nebulous recesses of his inner psyche. During the long and isolating interstellar journey a physical relationship develops between Kyle and the ship's physician, Kelly Takara. That part is easy. Understanding the reasons for avoiding the emotional commitment desired by Kelly is harder. So, too, is trying to penetrate the mind of Larry Melhaus, the mission's brilliant and reclusive physicist - a failure to communicate made exponentially more troublesome when the scientist's disturbing behavior begins to threaten the crew. While Kyle struggles to comprehend himself and Melhaus, the ship's crew, led by their strong-willed commander, Bruce Thompson, attempt to fathom a planet where none of the precepts of science seem to apply. A world where every preconceived notion of what constitutes life must be re-examined and challenged. Two journeys: One inward, one outward. Culminating at the same destination.

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## **JAKE HARDY**

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Jake is a mountain man in 1838 Colorado who finds he is dying from Cancer. He isn't given much time to live, and doc says it is going to be painful. He sends him off with some medicine to help cope with the pain. Instead of going home to die, Jake decides to set out on a last adventure to find the perfect secluded valley for his final resting place. His best friend, Joe Barnes, won't let him go alone, and he brings along a deaf mute girl named Beth. Along the way they save some children from hostile Indians, guide a wagon train to safety, spend time with old friends, and settle an old score with a past friend.

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## **SEE YOU SOON BROADWAY**

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Maris Forrester has a wonderful life with an amazing boyfriend and a fulfilling job. She's happy and content . . . or so she thinks. Maris has always had huge dreams of being on Broadway. Ever since her very first performance as a child,

she has envisioned herself on the stage under the shining lights. Now she has to decide whether she should to give up her wonderful life to chase those dreams. When her parents announce they are moving, she comes across a long-lost family treasure. She doesn't realize that this treasure may hold the key to her future and to all her dreams coming true. And if that wasn't sign enough, a mysterious stranger throws another wrench in the mix at a dazzling rooftop party benefiting the Arts. These could be signs of things to come. But will she remain content in her perfect world, or will she step into the unknown world she has always dreamed of?

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## **FREE ROLL**

**Brandt Tobler** Have you ever wondered: What it's like to daily bet hundreds of thousands of dollars working for some of the largest professional gamblers in Las Vegas? ... How to spend a summer house sitting one of the biggest stars in the world's 11,000 square-foot mansion - without an invitation from it's celebrity owner ... Whether the life of crime - specifically, running a shoplifting ring in a middle American mall - pays? ... What causes a son to finally say enough is enough ... and decide "Today is the day I am going to kill my dad." Comedian Brandt Tobler has the answers in this funny, touching and sometimes downright unbelievable memoir of a small town Wyoming-kid turned "mall-fia" don, turned nationally touring comic. Brand tells his life story with candor, detailing the many pit stops, wrong turns, crazy connections and lucky breaks he experienced along the way to his comedy career, all while trying to balance a toxic relationship with his unreliable jailbird dad. In these pages Brandt will make you laugh (he better - it's his job!) and believe as he does that, when it comes to defining family, blood isn't always thicker than water. -- back cover.

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## **BENAJAH'S KEEPER**

**Createspace Independent Pub** Evanna Amaranthine, a ruthless, 600 year old vampire, has a new assignment: to leave the walls of Benajah, her beloved vampire guild, enter the realm of humans to stalk down her prey, Rian Delmar, and kill him. At first, the prospect of being around humans any longer than the time it takes to drain them repulses Evanna, but after moving in with her new human-loving vampire housemate, she soon becomes hopelessly entangled with Messiah Scarborough, his strikingly good-looking artist friend. When dreams of a past life begin to plague her as she continues her crusade, can she control emotions that threaten to overwhelm her? Filled with fast-paced action and steeped in suspense, *Benajah's Keeper* by Aeryn Dougan is an urban fantasy that will capture readers' hearts as it addresses the significance of family, fate, and loyalty. Dramatic, gritty, and deeply passionate, this unique take on the

vampire legend will definitely leave you wanting more.

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## REMEMBERING JOY

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CreateSpace One mistake can shatter dreams and shape the future. Alexis knows this first hand. Even though her memory of that day is hazy, she has spent the last ten years trying to put it behind her. Armed with the knowledge that her career will be her only legacy, Alexis works night and day to prove that she is more than just her last name. It's not only that she doesn't have time for love. She doesn't have the heart for it. After all, there's no point in starting something you can't finish. When she meets Adam, she's drawn to him in a way even she can't deny. The film student is dark and brooding and strangely charming. He's the perfect distraction from her mundane life. And, as if fate is pushing them together, he seems to be around every corner. It's enough to almost make her entirely forget about her past and take a chance. But Adam can recall every detail that she's forgotten. What she doesn't remember, he can't forget.

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## AND I THOUGHT...

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## BEING GROWN UP WAS EASY

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Createspace Independent Publishing Platform Getting money, paying bills, finding your prince charming, finding your happiness it looked so easy when you were young. You thought you had it all figured out. Little did you know life throws you curve balls. And you thought grownups had it easy so did these ladies. Follow their journeys while getting lost in the grownup world.

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## EARTHFALL

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"Stephen Knight's EARTHFALL is a tense actioner about the fight to save a seed of hope in a nuclear wasteland."  
Ó4Craig DiLouie, author of THE INFECTION and TOOTH AND NAIL WHEN OUR WORLD ENDED, THEIR MISSION BEGAN  
The Sixty Minute War brought humanity to the brink of annihilation. Billions perished. The planet Earth was turned into a virtual graveyard, with the shattered, burned-out skeletons of great cities serving as tombstones marking Mankind's demise. But in the United States, one final outpost remains. Ten years have passed, and Harmony Base, a subterranean U.S. Army installation that survived the nuclear inferno, has yet to receive any response to its continual radio

transmissions. Long-range surface reconnaissance missions fail to locate any other survivors. Harmony's personnel, a mix of military and civilian specialists, wonder if they are the only living beings left on the planet. Earthquake damage to the base's vital power plant necessitates a different type of mission: the retrieval of spare parts from a storage depot in San Jose, 1,600 miles distant. Captain Mike Andrews and his crew set out across a Giger-inspired landscape blighted by lightning storms and deadly hazards that could swallow their all-terrain vehicles whole. The last thing Andrews expects to encounter in the nuked ruins of San Jose are survivors led by a twisted freak with mental powers off the scale...Harmony is America's last chance to rise up from the ashes of the nuclear holocaust and help restore civilization. But only if Andrews and his crew can escape San Jose...and the madman who calls himself The Law.

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### **TERRESTRIAL AND EXTRATERRESTRIAL SPACE DANGERS: OUTER SPACE PERILS, ROCKET RISKS AND THE HEALTH CONSEQUENCES OF THE SPACE ENVIRONMENT**

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Bentham Science Publishers Natural elements and cosmic phenomena in space, such as asteroids, comets, meteors, black holes and super bubbles pose a threat to the planet Earth and spacefarers in the near-Earth environment. Terrestrial and Extraterrestrial Space Dangers describes these dangers in the near-Earth outer space environment. The uniquely risky nature of rocket transportation is documented and quantified. The human health consequences for vision, muscles, and the neurovestibular system, for instance, on exposure to an outer space environment, are also explained in this book. Readers will benefit from the extensive information offered within this text which is also accompanied with a bibliography of references. This book offers a comprehensive primer for anyone interested in space travel and associated risk assessment.

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### **THE SIRENS OF MARS**

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### **SEARCHING FOR LIFE ON ANOTHER WORLD**

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Crown Publishing Group (NY) Mars was once similar to Earth, but today there are no rivers, no lakes, no oceans. Yet multiple spacecraft are circling Mars, sweeping over Terra Sabaea, Syrtis Major, the dunes of Elysium, and Mare Sirenum-- on the brink, perhaps, of a staggering find. Johnson tells the story of how she and other researchers have scoured Mars for signs of life. She interlaces her journey as a female scientist with tales of other seekers, to offer an unlikely natural history of a place where no human has ever set foot, while providing a vivid portrait of our quest to defy our isolation in the cosmos. -- adapted from jacket

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## **THE ZOOMABLE UNIVERSE**

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### **AN EPIC TOUR THROUGH COSMIC SCALE, FROM ALMOST EVERYTHING TO NEARLY NOTHING**

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Scientific American / Farrar, Straus and Giroux An epic, full-color visual journey through all scales of the universe In *The Zoomable Universe*, the award-winning astrobiologist Caleb Scharf and the acclaimed artist Ron Miller take us on an epic tour through all known scales of reality, from the largest possible magnitude to the smallest. Drawing on cutting-edge science, they begin at the limits of the observable universe, a scale spanning  $10^{27}$  meters—about 93 billion light-years. And they end in the subatomic realm, at  $10^{-35}$  meters, where the fabric of space-time itself confounds all known rules of physics. In between are galaxies, stars and planets, oceans and continents, plants and animals, microorganisms, atoms, and much, much more. Stops along the way—all enlivened by Scharf's sparkling prose and his original insights into the nature of our universe—include the brilliant core of the Milky Way, the surface of a rogue planet, the back of an elephant, and a sea of jostling quarks. *The Zoomable Universe* is packed with more than 100 original illustrations and infographics that will captivate readers of every age. It is a whimsical celebration of discovery, a testament to our astounding ability to see beyond our own vantage point and chart a course from the farthest reaches of the cosmos to its subatomic depths—in short, a must-have for the shelves of all explorers.

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## **THEOLOGICAL CARTOGRAPHIES**

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### **MAPPING THE ENCOUNTER WITH GOD, HUMANITY, AND CHRIST**

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Westminster John Knox Press Benjamín Valentín presents a substantive yet accessible introduction to the three central doctrines of Christian theology: God, humanity, and Christ. In an engaging style, Valentín offers an overview of each of these doctrines, delving into its tradition within the Christian community throughout history, from the writing of Scripture forward. He further explores what contemporary life tells us about this doctrine and how that compares to traditional understandings and then determines how we can reconstruct this doctrine in light of our new assessment of it. Each chapter concludes with suggested readings for further study. Throughout, Valentín highlights the diversity of Christian thought, bringing together past tradition and contemporary questions to arrive at a new understanding of what these important doctrines can mean for us today.

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## **LESSONS IN ENVIRONMENTAL MICROBIOLOGY**

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CRC Press *Lessons in Environmental Microbiology* provides an understanding of the microbial processes used in the environmental engineering and science fields. It examines both basic theory as well as the latest advancements in practical applications, including nutrient removal and recovery, methanogenesis, suspended growth bioreactors, and more. The information is presented in a very user-friendly manner; it is not assumed that readers are already experts in the field. It also offers a brief history of how microbiology relates to sanitary practice, and examines the lessons learned from the great epidemics of the past. Numerous worked example problems are presented in every chapter.

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## **ASTROBIOLOGY, DISCOVERY, AND SOCIETAL IMPACT**

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Cambridge University Press *Examines humanistic aspects of astrobiology, exploring approaches, critical issues, and implications of the discovery of extraterrestrial life.*

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## **THE RESTLESS CLOCK**

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## **A HISTORY OF THE CENTURIES-LONG ARGUMENT OVER WHAT MAKES LIVING THINGS TICK**

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University of Chicago Press *Today, a scientific explanation is not meant to ascribe agency to natural phenomena: we would not say a rock falls because it seeks the center of the earth. Even for living things, in the natural sciences and often in the social sciences, the same is true. A modern botanist would not say that plants pursue sunlight. This has not always been the case, nor, perhaps, was it inevitable. Since the seventeenth century, many thinkers have made agency, in various forms, central to science. The Restless Clock examines the history of this principle, banning agency, in the life sciences. It also tells the story of dissenters embracing the opposite idea: that agency is essential to nature. The story begins with the automata of early modern Europe, as models for the new science of living things, and traces questions of science and agency through Descartes, Leibniz, Lamarck, and Darwin, among many others. Mechanist science, Jessica Riskin shows, had an associated theology: the argument from design, which found evidence for a designer in the mechanisms of nature. Rejecting such appeals to a supernatural God, the dissenters sought to naturalize agency rather than outsourcing it to a “divine engineer.” Their model cast living things not as passive but as active, self-making machines. The conflict between passive- and active-mechanist approaches maintains a subterranean life in current science, shaping debates in fields such as evolutionary biology, cognitive science, and*

artificial intelligence. This history promises not only to inform such debates, but also our sense of the possibilities for what it means to engage in science—and even what it means to be alive.

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## **ENGAGING THE DOCTRINE OF CREATION**

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### **COSMOS, CREATURES, AND THE WISE AND GOOD CREATOR**

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Baker Academic Distinguished scholar Matthew Levering examines the doctrine of creation and its contemporary theological implications, critically engaging with classical and modern views in dialogue with Orthodox and Reformed interlocutors, among others. Moving from the Trinity to Christology, Levering takes up a number of themes pertaining to the doctrine of creation and focuses on how creation impacts our understandings of both the immanent and the economic Trinity. He also engages newer trends such as ecological theology.

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## **PHILOSOPHICAL PERSPECTIVES ON THE ENGINEERING APPROACH IN BIOLOGY**

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### **LIVING MACHINES?**

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Routledge Philosophical Perspectives on the Engineering Approach in Biology provides a philosophical examination of what has been called the most powerful metaphor in biology: The machine metaphor. The chapters collected in this volume discuss the idea that living systems can be understood through the lens of engineering methods and machine metaphors from both historical, theoretical, and practical perspectives. In their contributions the authors examine questions about scientific explanation and methodology, the interrelationship between science and engineering, and the impact that the use of engineering metaphors in science may have for bioethics and science communication, such as the worry that its wide application reinforces public misconceptions of the nature of new biotechnology and biological life. The book also contains an introduction that describes the rise of the machine analogy and the many ways in which it plays a central role in fundamental debates about e.g. design, adaptation, and reductionism in the philosophy of biology. The book will be useful as a core reading for professionals as well as graduate and undergraduate students in courses of philosophy of science and for life scientists taking courses in philosophy of science and bioethics.

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**APOCALYPTIC GOOD NEWS**

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**CHRIST IN THE COSMOS**

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**Wipf and Stock Publishers Remarkable studies in the New Testament have recovered the fact that the gospel, the good news of Jesus Christ, was apocalyptic good news—God’s redemptive action within history. Today, for more and more people, the sheer scope of an evolutionary universe renders life on Earth as utterly insignificant, religion as nothing more than superstition. And now, in the Anthropocene, we on the pale blue dot live in an apocalyptic age in which cataclysmic issue after cataclysmic issue threaten the future of the planet. The faith of the early church was in an apocalyptic cosmic Christ unleashing within history God’s good news of a new creation. Set within the world as we now know it, this gives meaning to the cosmos and life wherever it is found around any star. Screened from view for over a millennium during mission to non-apocalyptic cultures, now is the time for a new paradigm for church, the “apocalyptic church” for an apocalyptic age to replace the denominational church. What a difference this makes to faith, worship, and the role of the church in an apocalyptic future.**

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**STARDUST BOUND**

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**A NOVEL**

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**In a world of the future, Quincy Alexander engages in a deadly contest of wits with the technocratic world government; finds a remote celestial hideaway that is anything but deserted; suffers a dangerous attraction to a mysterious woman.**