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KEY=BLINDSIGHT - SUTTON MCNEIL

BLINDSIGHT

Macmillan Blindsight is the Hugo Award-nominated novel by Peter Watts, "a hard science fiction writer through and through and one of the very best alive" (The Globe and Mail). Two months have past since a myriad of alien objects clenched about the Earth, screaming as they burned. The heavens have been silent since—until a derelict space probe hears whispers from a distant comet. Something talks out there: but not to us. Who should we send to meet the alien, when the alien doesn't want to meet? Send a linguist with multiple-personality disorder and a biologist so spliced with machinery that he can't feel his own flesh. Send a pacifist warrior and a vampire recalled from the grave by the voodoo of paleogenetics. Send a man with half his mind gone since childhood. Send them to the edge of the solar system, praying you can trust such freaks and monsters with the fate of a world. You fear they may be more alien than the thing they've been sent to find—but you'd give anything for that to be true, if you knew what was waiting for them. . . . At the Publisher's request, this title is being sold without Digital Rights Management Software (DRM) applied.

BLINDSIGHT

Blindsight is a hard science fiction novel by Canadian writer Peter Watts, published by Tor Books in 2006. It won the Seiun Award for best translated novel, and was nominated for the Hugo Award for Best Novel, the John W. Campbell Memorial Award for Best Science Fiction Novel, and the Locus Award for Best Science Fiction Novel.[5] The novel follows a crew of astronauts sent out as the third wave, following two series of probes, to investigate a trans-Neptunian Kuiper belt comet dubbed 'Burns-Caulfield' that has been found to be transmitting an unidentified radio signal to an as-yet unknown destination elsewhere in the solar system, followed by their subsequent first contact. The novel explores questions of identity, consciousness, free will, artificial intelligence, neurology, game theory as well as evolution and biology.

BLINDSIGHT

THE (MOSTLY) HIDDEN WAYS MARKETING RESHAPES OUR BRAINS

BenBella Books Ever notice that all watch ads show 10:10 as the time? Or that all fast-food restaurants use red or yellow in their logos? Or that certain stores are always having a sale? You may not be aware of these details, yet they've been influencing you all along. Every time you purchase, swipe, or click, marketers are able to more accurately predict your behavior. These days, brands know more about you than you know about yourself. Blindsight is here to change that. With eye-opening science, engaging stories, and fascinating real-world examples, neuroscientist Matt Johnson and marketer Prince Ghuman dive deep into the surprising relationship between brains and brands. In Blindsight, they showcase how marketing taps every aspect of our mental lives, covering the neuroscience of pain and pleasure, emotion and logic, fear and safety, attention and addiction, and much more. We like to think of ourselves as independent actors in control of our decisions, but the truth is far more complicated. Blindsight will give you the ability to see the unseeable when it comes to marketing, so that you can consume on your own terms. On the surface, you will learn how the brain works and how brands design for it. But peel back a layer, and you'll find a sharper image of your psychology, reflected in your consumer behavior. This book will change the way you view not just branding, but yourself, too.

BLINDSIGHT

*Penguin Robin Cook is back—with a shocking story of medical conspiracy. Today, organ transplants are common miracles of science. But if the supply cannot meet the demand, how far will people go to find donors? Dr. Laurie Montgomery, a forensic pathologist, learns the terrifying answer when she investigates a series of fatal "overdose" of young professionals. Some crimes are beyond comprehension. But seeing is believing... * A Literary Guild? Dual Selection*

BLINDSIGHT

Tor Books Two months since the stars fell... Two months since sixty-five thousand alien objects clenched around the Earth like a luminous fist, screaming to the heavens as the atmosphere burned them to ash. Two months since that moment of brief, bright surveillance by agents unknown. Two months of silence, while a world holds its breath. Now some half-derelict space probe, sparking fitfully past Neptune's orbit, hears a whisper from the edge of the solar system: a faint signal sweeping the cosmos like a lighthouse beam. Whatever's out there isn't talking to us. It's talking to some distant star, perhaps. Or perhaps to something closer, something en route. So who do you send to force introductions on an intelligence with motives unknown, maybe unknowable? Who do you send to meet the alien when the alien doesn't want to meet? You send a linguist with multiple personalities, her brain surgically partitioned into separate, sentient processing cores. You send a biologist so radically interfaced with machinery that he sees x-rays and tastes ultrasound, so compromised by grafts and splices he no longer feels his own flesh. You send a pacifist warrior in the faint hope she won't be needed, and the fainter one she'll do any good if she is. You send a monster to command them all, an extinct hominid predator once called vampire, recalled from the grave with the voodoo of recombinant genetics and the blood of sociopaths. And you send a synthesist—an informational topologist with half his mind gone—as an interface between here and there, a conduit through which the Dead Center might hope to understand the Bleeding Edge. You send them all to the edge of interstellar space, praying you can trust such freaks and retrofits with the fate of a world. You fear they may be more alien than the thing they've been sent to find. But you'd give anything for that to be true, if you only knew what was waiting for them...

BLINDSIGHT

Penguin Random House New Zealand Limited Alice Ferry is a retired Wellington scientist, a mycologist (fungi is her thing). One day a young man knocks on her door. Adrian is a great-nephew she never knew she had, the grandson of her brother Gordon. As her story unfolds we learn of her childhood with Gordon in West Auckland and of the divergent paths their lives have taken. While Alice has gone on to have a successful career, Gordon has mentally deteriorated to the point where he is a silent derelict living on the streets of Wellington. Adrian wants to meet him. But Alice resists. As Adrian persists, Alice becomes more and more edgy. What is she hiding from her nephew? How has Gordon ended up in this state? And what does Alice have to do with it? Blindsight shows Gee the master playing with characters and complex story structures with immense skill.

BLINDSIGHT

Written Musings A young girl is missing, and her only hope is a blind woman who can see through her eyes... Eight-year-old Phaedra Burns has been kidnapped by a madman who believes her sacrifice will assuage his rage. Olivia Howe knows that rage; sixteen years ago, she escaped his clutches. The psychological trauma stole her sight but gave her something in return: a psychic connection to abducted children. Now, that connection is Phaedra's only hope, if Olivia can face the terrors of her past — and an inescapable new nightmare. Phaedra's kidnapping is the case that could push Detective Max Callahan over the edge. Especially when his key witness — or suspect — is a beautiful blind woman with a crazy claim. But her fragile beauty isn't the only thing that draws him to her. And as their lives and passion twist together, a killer stalks their every move. □□□□ "The plotline of paranormal mystery, Now You See Me [Blindsight], is similar to many other thrillers of this ilk, but its sensitive characterizations and incisive descriptions separate it from the pack. ... Wainscott cleverly keeps the suspense rolling by introducing a handful of red herrings and penning a number of chilling close calls and near encounters. Though Wainscott hasn't yet reached the popularity of Kay Hooper or Lisa Jackson, this intoxicating thriller is on par with those authors' best works." - Publishers Weekly □□□□ "TOP PICK! ... Wonderfully drawn suspense that is gritty, chilling and frighteningly eerie. Author Tina Wainscott has really found her niche!" - Romantic Times Bookclub Reviews □□□□ "Incredible! I could not put this book down. It caught me from page one and REFUSED to let me go until the very end. Author Tina Wainscott has the shining talent of being able to combine the genre of "thriller" with the genre of "romance" and somehow make it work! Once again, Tina Wainscott delivers a heart-stopping story that will make many readers stay awake reading long into the night! - Huntress Reviews □□□□ "The plot has more twists and turns than a labyrinth, and the suspense just keeps building. Readers will be on the edge of their seats for most of this white-knuckle thriller. With characters and a story you'll remember long after the last page is turned, NOW YOU SEE ME [Blindsight] is a strong contender for the best romantic suspense book of the year." ~ Susan Lantz, newandusedbooks.com

BLINDSIGHT AND THE NATURE OF CONSCIOUSNESS

Broadview Press Ever since its discovery nearly thirty years ago, the phenomenon of blindsight—vision without visual consciousness—has been the source of great controversy in the philosophy of mind, psychology, and the neurosciences. Despite the fact that blindsight is widely acknowledged to be a critical test-case for theories of mind, Blindsight and the Nature of Consciousness is the first extended treatment of the phenomenon from a philosophical perspective. Holt argues, against much received wisdom, for a thorough-going materialism—the view not only that mental states are brain states, but (much more controversially) that mental properties are physical as well. Designed not only for philosophers and scientists, Blindsight and the Nature of Consciousness has something to say to anyone interested in the mystery of the human mind and in how philosophers and scientists are working toward solving that mystery.

BLIND SIGHT

Vintage Follows the experiences of a prospective college student who visits Los Angeles to meet the actor father he never knew, an encounter that introduces him to the gritty realities of show business and leads to a shattering revelation.

BLINDSIGHT: A STAPLETON AND MONTGOMERY NOVEL 1

Boxtree With a theme reminiscent of Coma, here is Robin Cook at his disturbing, electrifying best. Set in Manhattan, Blindsight tells of city forensic pathologist Dr. Laurie Montgomery's battle to foil a plot of unimaginable evil. When a series of unrelated yuppie deaths by cocaine overdose are reported to the medical examiner's office, Dr. Montgomery's curiosity is piqued. As the friends and families of the

deceased uniformly swear that their loved ones weren't involved with drugs, that curiosity intensifies. But her feelings turn to anger and frustration when she attempts to autopsy the bodies and investigate the deaths, only to find herself at odds with her superiors, the police department, and the relatives themselves. The reason for the opposition range from political expediency to religious belief, but Laurie senses that something far more menacing links the so-called random deaths. Jeopardizing her professional future, Laurie Montgomery sets out to uncover the truth—which leads her to a distinguished New York hospital and, beyond that, to nightmare. Robin Cook's *Blindsight* creates a chilling, haunting aura of terror and suspense, where fact and fiction imperceptibly merge.

BLINDSIGHT

New Directions Publishing The latest book of prose poems by one of America's premier philosophical poets. For the title of her newest collection of prose poems, Rosmarie Waldrop adopts a term "blindsight" used by the neuroscientist Antonio R. Damasio to describe a condition in which a person actually sees more than he or she is consciously aware. "This is one reason," explains Waldrop, "for using collage: joining my fragments to other people's fragments in a dialogue, a net relation that might catch a bit more of the 'world.'" The collection the author's fourth with New Directions is divided into four thematic sections. The first, "H Iderlin Hybrids," resonates against the German poet's twisted syntax, while using rhythmic punctuation in counterpoint to sense. "As Were," says Waldrop, "began with looking at the secondary occupations of artists for example, Mallarme teaching English, Montaigne serving as mayor of Bordeaux but this soon gave way to playing more generally with particular aspects of historical figures." The title section, "Blindsight," is most consistent in its use of collage, juxtaposing words and images to jolting, epiphanic effect. "Cornell Boxes," in contrast, has a formal unity, inspired by the constructions of Joseph Cornell, each prose poem "box" composed in a structure of fours: four paragraphs of four sentences each, with four footnotes.

BLIND SIGHT

Penguin Detective Kathy Mallory chases a multiple murderer, but her real concern is the boy who is not dead-yet-in this thrilling novel from the New York Times-bestselling author. A blind child and a Catholic nun disappear from a city sidewalk in plain sight of onlookers. There, then gone—vanished in seconds. Those who witnessed the event still cannot believe it happened. It was all too real. Mallory and the NYPD's Special Crimes Unit enter the investigation when the nun's body is found with three other corpses in varying stages of decomposition left on the lawn of Gracie Mansion, home to the mayor of New York City. Sister Michael was the last to die. The child, Jonah Quill, is still missing. Like Jonah, the police are blind. Unknown to them, he is with a stone killer, and though he has unexpected resources of his own, his would-be saviors have no suspect, no useful evidence, and no clue—except for Detective Mallory's suspicions of things not said and her penchant for getting to the truth beneath lies. Behind her back, the squad's name for her is Mallory the Machine, yet she has a dark understanding of what it is to be human. A child is waiting, time is running out, and atop her list of liars is the mayor himself...and a theory of the crimes in which no sane cop could believe.

BLINDSIGHT

A NOVEL

George Braziller The rat race inside an institute for the blind. The protagonists are three young inmates--two men and a woman--as perverted as they are intelligent. A literary novel, full of insights into a world no less violent than the seeing one. By a French writer, author of *The Compassion Protocol*.

FIREFALL

February 13, 2082, *First Contact*. Sixty-two thousand objects of unknown origin plunge into Earth's atmosphere - a perfect grid of falling stars screaming across the radio spectrum as they burn. Not even ashes reach the ground. Three hundred and sixty degrees of global surveillance: something just took a snapshot. And then... nothing. But from deep space, whispers. Something out there talks - but not to us. Two ships, *Theseus* and the *Crown of Thorns*, are launched to discover the origin of Earth's visitation, one bound for the outer dark of the Kuiper Belt, the other for the heart of the Solar System. Their crews can barely be called human, what they will face certainly can't. 'A tour de force, redefining the *First Contact* story for good' Charles Stross. 'If you only read one science fiction novel this year, make it this one! ... it puts the whole of the rest of the genre in the shade ... It deserves to walk away with the Clarke, the Hugo, the Nebula, the BSFA, and pretty much any other genre award for which it's eligible. It's off the scale ... F**king awesome!' Richard Morgan. 'State-of-the-art science fiction: smart, dark and it grabs you by the throat from page one' Neal Ascher.

BLINDSIGHT

A CASE STUDY AND IMPLICATIONS

Oxford University Press, USA Gives an account of research over a number of years into a particular case of blindsight, together with a discussion of the historical and neurological background, a review of other cases, and theoretical and practical implications.

BLINDSIGHT

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CHROMOSOME 6

Penguin Behind the headlines on cloning--Dr. Robin Cook blends fact with fiction in one of his most terrifying bestsellers... *Chromosome 6* is a prophetic thriller that challenges the medical ethics of genetic manipulation and cloning in the jungles of equatorial Africa, where one mistake could bridge the gap between man and ape--and forever change the genetic map of our existence...

ECHOPRAXIA

Macmillan Prepare for a different kind of singularity in Peter Watts' *Echopraxia*, the follow-up to the Hugo-nominated novel *Blindsight* It's the eve of the twenty-second century: a world where the dearly departed send postcards back from Heaven and evangelicals make scientific breakthroughs by speaking in tongues; where genetically engineered vampires solve problems intractable to baseline humans and soldiers come with zombie switches that shut off self-awareness during combat. And it's all under surveillance by an alien presence that refuses to show itself. Daniel Bruks is a living fossil: a field biologist in a world where biology has turned computational, a cat's-paw used by terrorists to kill thousands. Taking refuge in the Oregon desert, he's turned his back on a humanity that shatters into strange new subspecies with every heartbeat. But he awakens one night to find himself at the center of a storm that will turn all of history inside-out. Now he's trapped on a ship bound for the center of the solar system. To his left is a grief-stricken soldier, obsessed by whispered messages from a dead son. To his right is a pilot who hasn't yet found the man she's sworn to kill on sight. A vampire and its entourage of zombie bodyguards lurk in the shadows behind. And dead ahead, a handful of rapture-stricken monks takes them all to a meeting with something they will only call "The Angels of the Asteroids." Their pilgrimage brings Dan Bruks, the fossil man, face-to-face with the biggest evolutionary breakpoint since the origin of thought itself. At the Publisher's request, this title is being sold without Digital Rights Management Software (DRM) applied.

THE MAN WHO CAST TWO SHADOWS

Penguin Formerly a child of the streets, now a brilliant computer hacker and NYPD sergeant, Kathleen Mallory's powerful intelligence is matched only by the ferocity with which she pursues her own unpredictable vision of right and wrong. And she will need every bit of that intensity now, in a murder case that strikes close to home in more ways than one.

BLINDSIGHT

A CASE STUDY SPANNING 35 YEARS AND NEW DEVELOPMENTS

OUP Oxford The first edition of *Blindsight*, written by Lawrence Weiskrantz was an important and highly cited account of studies of the phenomenon - *Blindsight*. The updated edition retains the original text of the first edition, but brings the book up to date with developments in this area in the past decade.

PEDIATRIC NEURO-OPHTHALMOLOGY

Springer Science & Business Media "Due to the generous representation of the afferent visual system within the brain, neurological disease may disrupt vision as a presenting symptom or as a secondary effect of the disease. Conversely, early developmental disturbances of vision often disrupt ocular motor control systems, giving rise to complex disorders such as nystagmus, strabismus, and torticollis. The signs and symptoms of neurological disease are elusive by their very nature, presenting a confounding diagnostic challenge. Neurological medications and neurosurgical treatments can produce neuro-ophthalmological dysfunction that can be difficult to distinguish from disease progression. Affected patients may experience substantial delays in diagnosis, and are often subjected to extensive (and expensive) diagnostic testing. Scientific articles pertaining to specific disorders are scattered throughout medical subspecialty journals. These children continue to "fall through the cracks" of our medical education system. The increasing recognition that pediatric neuro-ophthalmology comprises a distinct set of diseases from those seen in adults has led to its emergence as a dedicated field of study. "Since the original publication of *Pediatric Neuro-Ophthalmology* nearly fourteen years ago, interest in the field has burgeoned. Pediatric ophthalmology and pediatric neurology subspecialty conferences often include symposia dedicated to recent advances in pediatric neuro-ophthalmology. Technical advances in neuroimaging have given rise to a more integrated mechanistic classification of neuro-ophthalmological disease in children. Our understanding of neurodevelopmental disorders of the visual system has expanded, longstanding monoliths have been disassembled into component parts, basic molecular mechanisms have taken center stage, and genetic underpinnings have become definitional. Evolutionary alterations can now be observed at the level of the gene, adding a new dimension to our understanding of disease pathogenesis. New classifications now encompass clinically disparate conditions. Descriptive definitions have been supplanted by mechanistic ones, and clinical definitions superseded by genetic ones. Our concept of disease pathogenesis has been revised and in some cases overturned. Bearing witness to these remarkable advancements has compelled me to enhance and expand the first edition of *Pediatric Neuro-Ophthalmology* into this new and revised one. "In the first edition of this book, our goal was to present the clinical characteristics, diagnostic evaluation, and therapeutic options for the common neuro-ophthalmologic disorders of childhood. In so doing, we designed the book to be provide a narrative journey through the thought processes involved in the clinical management of these disorders. In this edition, I have retained the basic narrative format of original book, while expanding the exploration of these complex visual disorders in the context of the many new scientific advancements and discoveries that have come to light. These conditions are fun to diagnose, fascinating to understand, and gratifying to manage." --from the Preface to the 2nd Edition.

BLINDSIGHT

BLINDSIGHT

THE SERIES (#1-3)

Createspace Independent Publishing Platform All three books from USA Today bestseller Adriane Leigh are included in this collection. *BLINDSIGHT (Part One)* I want her. She thinks I need her. What she doesn't know is she needs me more. I'm hiring her to protect her. To save her life. To make her beg. Because her big brown eyes make my d-ck pound and the thought of leaving her to the wolves makes my heart bleed. But the past is colliding with an out of focus present that's on course to a fatal future. Unless I can beat fate at its own game. *BLINDSIGHT (Part Two)* She and I were far from chance. Our first meeting orchestrated. Our forever ill-fated. Because I'm her enemy. I'm her savior. I'm her nightmare Romeo. She'll thank me at the end of this, and if she doesn't, I'll force her to beg. *BLINDSIGHT (Part Three)* The web of secrets surrounding Hunter and Erin begins to unravel in the gripping final installment of the Blindsight series. *Blindsight is intended for a mature audience only due to graphic sex, violence, and language.

BLINDSIGHT: A QUANTUM LIFE IN A HUMAN WORLD

Babypie Publishing This is not a UNI -verse This is a Multiverse of infinite potential energy and intelligence We are entangled with the Multiversal Mind which lends us consciousness Before, beyond and within this Multiversal Mind is an indescribable Source This is our true nature Thousands of years of collaborative belief systems have created accepted and deeply rooted preconceptions, expectations and habits in humanity This is what Mikal calls The Human Disease In a sometimes shocking manner, "Blindsight" strives to challenge and crush every paradigm in its path Blending science from the furthest fringes of Quantum Mechanics to the deep reaches of ancient contemplative philosophy, he offers multiple perspectives for the pursuit of a curative process Outfitted with humor, story, art, and simple progressions through complex ideas, the reader is embarked on an amazing journey of awakening to the infinite potential that awaits them as a true Intergetetic being "This book will challenge the reader to question all of their beliefs along the way, often with surprising revelations." - Bob Proctor, Speaker, Author, and Featured Teacher from "The Secret" "If you think that we are only our physical bodies, 'Blindsight: A Quantum Life in a Human World' will show you that there are several frequencies and strata of consciousness existing within us to create our reality." - Joe Vitale, Featured Teacher from "The Secret." Author of "At Zero: The Quest for Miracles Through Ho'oponopono" "This book helps you to see that life is a force and you can find evolution within, when you pay attention to your energy and intelligence. Those who go inward, awaken to the Higher Force." - Dr. Norma J. Milanovich, Messenger for the Ascended Masters, Author of "The Light Shall Set You Free," and "We, The Arcturians" "Just because you don't see it, doesn't mean it's not there." - MWUSO

BLINDSIGHT

Createspace Independent Publishing Platform For we walk by faith, not by sight. 2 Corinthians 5:7. I joined the ranks of the blind in 2005 after six decades of pretty good vision. With the encouragement of many folks, I began to record my adventures as a blind guy with short one or two page articles. My intent and hope was to relate some of life's experiences to God's written word, to expose readers to various passages of Scripture, and to share with others a little of my personal walk with God. "Blindsight" is a compilation of thirty such articles.

OCULOMOTOR CONTROL AND BLINDSIGHT IN HEMIDELECTIC PATIENTS

"The brain's ability to recover from and adopt to a major injury is a fascinating expression of neuroplasticity. Blindsight is an intriguing example of these "plastic" properties, revealed by the residual vision that survives ablation of the primary visual cortical area (V1). Although the effects of V1 lesions have been the prime focus of research on blindsight, there also has been considerable interest in the effects of larger lesions, in particular the ablation of one entire hemisphere called hemispherectomy. It is therefore of interest to understand how the brain reorganizes and adapts itself to such a massive injury with regards to blindsight. Given that blindsight is a "visual" phenomenon in the absence of visual cortical circuitry, measuring blindsight using oculomotor responses such as saccadic eye movements, production of which recruits many cortical and subcortical neuronal structures, is an accepted way of demonstrating blindsight and has been used by many groups studying this phenomenon. Research suggests that the superior colliculus (SC) plays a crucial role in blindsight as a relay station transmitting retinal signals to either LGN or pulvinar (Kato, Takaura, Ikeda, Yoshida, & Isa, 2011; Schmid et al., 2010). Thus far, the blindsight phenomenon has been demonstrated in hemispherectomized patients by a forced choice task, fixation shifts, stimulus discrimination, spatial summation effect, and finger pointing. Despite these studies, no real consensus exists on whether or not hemispherectomized patients can localize targets in their blind hemifield. Here I present a number of new findings that have arisen from my studies of the blindsight phenomenon in three hemispherectomized patients. First, I have found that hemispherectomized patients are able to retain residual vision in their blind hemifield that can affect saccade control. Specifically, we show that in these patients missing an entire hemisphere, an unseen visual stimulus within their blind hemifield can subliminally influence the timing and accuracy of a saccade directed to that field. Second, I have found that hemispherectomized patients can generate accurate anti-saccades into the blind hemifield despite the absence of the neural circuitry normally required for the vision-to-motor vector inversion process inherent to the generation of these eye movements, and they do so no differently than normal control subjects. Third, I have provided evidence that the superior colliculus may be a main player in blindsight and not merely a relay station, as some previous research suggests. Together, these observations provide new evidence that human brain is capable of major reorganization and plasticity even following such a substantial injury as hemidecortication, as well as highlight the extraordinary ability of the human brain to use compensatory and adaptive strategies to restore normal function." --

STARFISH

Macmillan A huge international corporation has developed a facility along the Juan de Fuca Ridge at the bottom of the Pacific Ocean to exploit geothermal power. They send a bio-engineered crew--people who have been altered to withstand the pressure and breathe the seawater--down to live and work in this weird, fertile undersea darkness. Unfortunately the only people suitable for long-term employment in these experimental power stations are crazy, some of them in unpleasant ways. How many of them can survive, or will be allowed to survive, while worldwide disaster approaches from below? Starfish, the first installment in Peter Watts' Riffers Trilogy At the Publisher's request, this title is being sold without Digital Rights Management Software (DRM) applied.

COGNITIVE PSYCHOLOGY

A STUDENT'S HANDBOOK

Taylor & Francis This fifth edition of the best-selling international cognitive psychology textbook has been substantially updated and restructured to reflect new developments in cognitive psychology, and made more student-friendly. Established approaches covered in depth include: Experimental cognitive psychology Cognitive science with its focus on modelling Cognitive neuropsychology with its focus on cognition following brain damage. Extensive new material in this edition includes: Cognitive neuroscience approaches such as brain scanning and imaging studies which illustrate the principles of brain function New material on consciousness. Throughout, the new material is fully integrated with more traditional approaches to create a comprehensive, coherent and totally current overview of perception, attention, memory, concepts, language, problem solving, judgement and reasoning. A two-colour design, plus a rich array of supplementary multimedia materials, make this edition more accessible and entertaining for students. The multimedia materials include: A PowerPoint lecture course and MCQ Test Bank free to qualifying adopters A unique web-based Student Learning Program. This is an interactive revision program incorporating a rich array of multimedia resources including interactive exercises and demonstrations, and active reference links to journal articles. This is offered on a subscription basis to departments adopting the text. A free demonstration of a sample chapter is available to potential subscribers at <http://www.psyppress.com/ek5/>.

BLINDSIGHT

Coffee House Press Praise for Greg Hewett: 2010 Lambda Literary Award Finalist in Poetry 2003 Publishing Triangle Thom Gunn Award for Gay Poetry Winner In poems that are full of wit, touching, and introspective, as well as formally inventive, we find the poet losing his sight, becoming a parent, and occupying middle age with a sense of calm and inevitability. From "Skyglow": we spin filaments of light into profiles, drawing each other through something resembling time and space and dark. Let's call this something something vague and mythic as the ether. Let's say we're ethereal.

BLINDSIGHT

POEMS

Carnegie-Mellon University Press A collection of poems by Carol Hamilton.

BLIND SIGHT

Penguin You shouldn't look for the truth if you're afraid to see it. A deer hunter tracking his wounded prey through Minnesota's Paul Bunyan State Forest makes the grisly discovery of a young girl's body. The condition of the corpse is shocking: She'd been pregnant, but the full-term fetus is missing. She's sixteen-year-old Lydia Dunton, daughter of a high-powered senator who has shut the door on Agent Saint Clare's investigation. Now she has little but dead ends, false leads, and lies to work with-until she discovers a similar crime that occurred in Wisconsin, plunging Bernadette and her boss, Tony, into a circuitous and deadly twist in the case that no one sees coming.

THE NATURE OF CONSCIOUSNESS

PHILOSOPHICAL DEBATES

MIT Press Intended for anyone attempting to find their way through the large and confusingly interwoven philosophical literature on consciousness, this reader brings together most of the principal texts in philosophy (and a small set of related key works in neuropsychology) on consciousness through 1997, and includes some forthcoming articles. Its extensive coverage strikes a balance between seminal works of the past few decades and the leading edge of philosophical research on consciousness. As no other anthology currently does, *The Nature of Consciousness* provides a substantial introduction to the field, and imposes structure on a vast and complicated literature, with sections covering stream of consciousness, theoretical issues, consciousness and representation, the function of consciousness, subjectivity and the explanatory gap, the knowledge argument, qualia, and monitoring conceptions of consciousness. Of the 49 contributions, 18 are either new or have been adapted from a previous publication.

20/20 BLINDSIGHT

Busser Howell At the age of fifteen, Busser Howell lost 98 percent of his vision. At the age of forty he lost the remaining 2 percent. Were the story to end there you would likely not be entirely shocked as this type of circumstance is not that uncommon. But this is not the whole story-not by a long shot. You see, Howell is an artist-a painter, to be exact. And prior to being a professional, working artist in New York City he was a partner and worked twenty-four years in an interior design and restoration business. Possibly even more amazing than his breaking of our stereotypes of the blind is the fact that he is not alone. Interviewing other blind artists to discover each person's particular point of view and what kind of descriptions work for them, author and blind artist Busser Howell's debut is an extraordinary look into a world never before seen or understood from the point of view of the visually challenged. Beginning by examining the concepts of creativity, perception, touch, and accessibility, Howell engages the vibrant, boundless minds of fifteen visually impaired artists to mine their thoughts, feelings, and understanding to piece together a common thread of experience. It is the artists telling their story, their preferences and dislikes, and their ability, despite their blindness, to tap into sight's brain-based function to see and comprehend our world and its contents. An enlightening and fascinating journey into the artistic process as seen by those whose vision is either severely impaired or altogether absent, Howell's impressive collection of writings and interviews is a probing examination of the artistic process and the nature of art itself. Evocative and inspiring, *Blindsight* is a deeply moving passage that documents the journey of visual artists as they transition from the visual input of the outside world to the output of their inner vision transcending blindness into the light of creativity.

BLINDSIGHT

NEURAL SUBSTRATES AND PLASTICITY FOLLOWING HEMISPHERECTOMY

"Blindsight" is a phenomenon whereby cortically blind patients following primary visual cortex damage maintain visuo-motor processing in their blind visual field, contralateral to the injury, but remain unaware of such perception. Research has uncovered many of the plastic changes that occur in the brain to allow for such functions and with the advent of neuroimaging it became possible to investigate the neural substrates that underlie this paradoxical behavior. However, blindsight has received much criticism for the possibility that spared islands of visual cortex surrounding the lesion may have sustained some forms of degraded vision. In this body of work, hemispherectomy patients are used as a model for blindsight because their lack of cortical mantle in one hemisphere ensures that there are no surviving retino-recipient structures apart from the superior colliculus in that damaged hemisphere. These patients provide a unique opportunity for the study of plasticity within the visual system following damage to the primary visual cortex and for the investigation of the underlying neuronal mechanisms while excluding the possibility that the source of reorganization is due to residual inputs from spared islands near the margin of the lesion. Previous research into the neural substrates of blindsight implicated the superior colliculus as a key player in the blindsight pathway, responsible for relaying the information about the visual stimulus from the blind visual field to the extrastriate visual cortices in the intact hemisphere. In this thesis, I used a modified spatial summation paradigm to test the redundant target effect in two hemispherectomy patients which first served to validate the existence of blindsight in these subjects, but more importantly to demonstrate that the superior colliculus is in fact sensitive to higher-order perceptual organization, which it was previously thought incapable of encoding. The results showed that there was facilitation in the form of a faster reaction time to multiple dots presented simultaneously in the blind and seeing visual fields that were spatially organized in a coherent shape, and that this summation effect was more pronounced than for singular dots or multiple stimuli that were arranged randomly. I utilized a new retinotopic mapping technique, population receptive field mapping, in order to investigate the functional reorganization within the intact visual cortex of a hemispherectomy patient and found that while the retinotopic organization remained largely undisturbed, there were blurred boundaries in the dorsal compartments which upon further investigation showed a significant increase in the receptive field sizes. Finally, using cortical thickness analysis on two hemispherectomy patients and one localized V1 lesion patient I was able to demonstrate that there are morphological differences in the intact visual cortex which present as an increase in the grey matter thickness in these regions, a finding persistent across all subjects with documented blindsight despite their varying clinical history, but notably absent in healthy controls. Taken together, these results serve to further implicate the superior colliculus and the intact visual cortex in their role in the blindsight pathway and provide evidence for structural and functional plasticity that allows this persistent residual vision in the blind visual field following primary visual field damage"--

THE ROOTS OF VISUAL AWARENESS

Elsevier The present volume was assembled in honor of Professor Alan Cowey FRS, and attempts to embrace his wide range of research interests in visual neuroscience. It is divided into four sections. The first contains a group of papers dealing with different fundamental aspects of the visual system, including the control and monitoring of eye movements. The second is concerned with the functional organization of cortical visual areas and their role in visual perception and visually guided action. The third addresses issues concerning color and motion perception, along with broader questions of visual attention; and the effects of selective brain damage on these different aspects of visual experience. The fourth and final section of the volume deals explicitly with questions relating to visual awareness, with particular emphasis on 'blindsight', a topic on which Alan Cowey has worked extensively in recent years, both in humans and in monkeys.

FINDINGS AND CURRENT OPINION IN COGNITIVE NEUROSCIENCE

MIT Press This volume, which contains forty-six review articles from recent issues of *Current Opinion in Neurobiology*, provides easy access to the current state of theory and findings in the field.

BLINDSIGHT

ADAMS THRILLER COMPLETE

CreateSpace Life is already bad enough after Tisha Adams loses both her job and her beautiful Manhattan apartment. Living in a musty garage apartment and working for her uncle in Queens, her life is upended when she witnesses a murder on her train commute. When the body disappears, she teams up with Detective Murphy, a man with mysterious abilities. But Tisha is keeping a secret of her own, a skill she's always hated and feared. The dead speak to her. And if she touches a person, their past, present and future are revealed to her. But as the body count rises, and those closest to Tisha are drawn into the nightmare, Tisha's only choice is to reach out to her estranged grandmother to learn more about her intuitive talents. In a race against the clock to rescue those in danger and solve the murders, she'll need all her abilities. Even the gift she's been afraid to use. The dead will speak, but only if she's willing to listen.

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BLINDSIGHT

St Martins Press Twenty-nine-year-old Guy Sullivan is losing his vision and developing powers of precognition, a talent that could save his life as research specialist Patrick Roach prepares a risky treatment to save his sight, and his vengeful son prepares to unleash a d