

Complete Bibliography

Why Sh*t Happens / Undercover Scientist

by Peter J. Bentley

Chapter 1 (sleeping through alarm)

Susan Blackmore (1991) Lucid Dreaming: Awake in Your Sleep? *Skeptical Inquirer* 15, 362-370

F. Crick and G. Mitchinson (1983) The function of dream sleep. *Nature* 304, pp. 111-114.

W. C. Dement (1978). *Some must watch while some must sleep*. New York: W.W. Norton.

I. Feinberg (1974) Changes in sleep cycle patterns with age *J Psychiatr Res.* 10:283-306.

MayoClinic (2007) *Fatigue: When to rest, when to worry*. Mayo Foundation for Medical Education and Research (MFMER).

PhysOrg.com (2005) *Clever 'Clocky' Combats Oversleeping*. PhysOrg.com April 06 2005.

J.P.J. Pinel (1992). *Biopsychology*. Needham Heights, MA: Allyn & Bacon.

Andrea Rock (2004) *The Mind at Night: The New Science of How and Why We Dream*. Basic Books.

Robert L. Van de Castle (1994) *Our Dreaming Mind*. New York: Ballantine Books.

Tsuneo Watanabe (2003) *Lucid Dreaming: Its Experimental Proof and Psychological Conditions*. *Journal of International Society of Life Information Science* 21(1): 159-162.

Chapter 2 (slipping on soap)

Katrin Boschkova (2002) *Adsorption and frictional properties of surfactant assemblies at solid surfaces*. YKI Institute for Surface Chemistry. ISBN 91-7283-240-1.

Hans-Jürgen Butt, Karlheinz Graf, Michael Kappl (2006) *Physics and Chemistry of Interfaces*, Wiley Publishers, ISBN 3527404139.

John S. Evans (2002) *How Does Oil Work?* Technical Bulletin Issue 23. Wearncheck Division of Set Point Technology.

Patrizia Garzena and Marina Tadiello (2004). *Soap Naturally - Ingredients, methods and recipes for natural handmade soap*. Programmer Publishing.

Edwin Roy Hinden (2006) *Water-wet bar soap preserver*. United States Patent 20060266907

Harold Hopkins (1979) *All that Lathers is not Soap*. U. S. Food and Drug Administration, *FDA Consumer*.

NIIR Board (2004) *Modern Technology Of Cosmetics*. Asia Pacific Business Press Inc.

C.A.Patrides, ed. (1977) *Sir Thomas Browne; The Major Works*. Penguin.

Derrick Pounder (2006) Postmortem Changes and Time of Death. *Forensic Medicine Course Lecture Notes*. Department of Forensic Medicine, University of Dundee.

Journal of Synthetic Lubrication. John Wiley & Sons, Ltd.

Tribology Transactions. Journal for the Society of Tribologists and Lubrication Engineers (STLE), Taylor & Francis.

Chapter 3 (cutting yourself shaving)

Bruce Alberts, ed (2005). *Molecular Biology of the Cell*. Garland Publishing Inc.

Tim Dowling (2001) *Inventor of the Disposable Culture King Camp Gillette 1855-1932*. Short Books

R.K. Freinkel, Auth. & ed., D.T. Woodley, ed. (2000) *The Biology of the Skin*. Taylor & Francis Ltd; Illustrated edition.

P L Giangrande (2003) Six characters in search of an author: the history of the nomenclature of coagulation factors. *British Journal of Haematology* v121:703-12.

Krumholz (1987) *History of Shaving and Razors*. Adlibs Pub Co.

H. Peter Lorenz and Michael T. Longaker (2003). *Wounds: Biology, Pathology, and Management*. Stanford University Medical Center.

T. Romo and L. A. McLaughlin (2003). Wound Healing, Skin. *Emedicine.com*.

L. Rosenberg and J. de la Torre (2003). Wound Healing, Growth Factors. *Emedicine.com*.

Chapter 4 (toast on fire)

William J. Beaty (1995-2000) Articles about "Electricity" Science Hobbyist amasci.com

I Berman-Levine (2004). Burnt Toast - Is it Dangerous? "Dr Irene's Nutrition Tidbits" Newsletter published by HealthandAge.com. Volume V Issue No 20.

William D. Callister (1997) *Materials Science and Engineering*, 4th Ed. Wiley Publishing.

Dougal Drysdale (1998) *An Introduction to Fire Dynamics*, 2nd Edition. John Wiley and Sons Ltd; 2Rev Ed edition

Alok Jha (2004) Close encounters. Special report: chemical world. Guardian Unlimited, May 22 2004.

Steuart Kellington (1982) *Reading About Science: Heat, Electricity and Electromagnetism*. Heinemann Educational Publishers.

D. E. Volk, V. Thiviyathan, J. S. Rice, B. A. Luxon, J. H. Shah, H. Yagi, J. M. Sayer, J. H. Yeh, D. M. Jerina, and D. G. Gorenstein. (2003) Solution structure of a cis-opened (10R)-N6-deoxyadenosine adduct of (9S,10R)-9,10-epoxy-7,8,9,10-tetrahydrobenzo[a]pyrene in a DNA duplex. *Biochemistry*. 2003 February 18;42(6):1410-20

U.S. Department of Health and Human Services, Public Health Service, National Toxicology Program. 2005. *11th Report on Carcinogens*.

Chapter 5 (exploding pan of liquid)

Barron, James. "Steam Blast Jolts Midtown, Killing One", *New York Times*, 2007-07-19.

D.A. Crowl and J.F. Louvar (1990), *Chemical Process Safety. Fundamentals with Applications*, Englewood Cliffs: Prentice.

T, J, R. Francis, D. F. Gorman (1993) Pathogenesis of the Decompression disorders, in Bennett PB, Elliott DH (eds): *The Physiology and Medicine of Diving*. London, WB Saunders, ed 4, pp 454-480.

Nigel Hawkes et al. (1986) *The Worst Accident in the World: Chernobyl: The End of the Nuclear Dream*. Macmillan.

Lou Ann Jopp (2004). Superheated Water. University of Minnesota Regional Extension Educator, Food Science, Extension Regional Center, St. Cloud.

John Knox (2003) The Physics of Pressure Cooker. Physics 100. The Physics Department at Idaho State University.

Ira. N Levine (1978) *Physical Chemistry*. University of Brooklyn: McGraw-Hill Publishing.

Microwave Oven Radiation. FDA US Food and Drug Administration, Center for Devices and Radiological Health, Consumer Information 2007.

Mark Peplow (2006) Special Report: Counting the dead. *Nature* 440, 982 - 983.

Mark J. Uline and David S. Corti (2007) Activated Instability of Homogeneous Bubble Nucleation and Growth. *Phys. Rev. Lett.* 99, 076102-076400.

Chapter 6 (milk gone bad)

O. Adolfsson et al. (2004) "Yogurt and gut function", *American Journal of Clinical Nutrition* 80:2:245-256

Ricki Carroll (2003). *Making Cheese, Butter, & Yogurt*. Storey Publishing.

Sven-Olof Enfors (2007) *The Food Microbiology Compendium*. Industrial and environmental microbiology 3A1315. KTH - Biotechnology, Stockholm.

U. Desselberger and J. Gray, Eds (2003) *Viral Gastroenteritis (Perspectives in Medical Virology)*. Elsevier Science.

T. L. Dormandy (1969) Biological rancidification. *Lancet*. 1969 Sep 27;2(7622):684-8.

Marina Elli, Maria Luisa Callegari, Susanna Ferrari, Elena Bessi, Daniela Cattivelli, Sara Soldi, Lorenzo Morelli, Nathalie Goupil Feuillerat and Jean-Michel Antoine (2006) Survival of Yogurt Bacteria in the Human Gut. *Appl Environ Microbiol.* 2006 July; 72(7): 5113–5117.

Janet Fletcher (2005) The Myths about Raw-Milk Cheese. *Speciality Food Magazine.*

Donald B. Katz, Miguel A. L. Nicolelis, and S. A. Simon (2000) Nutrient Tasting and Signaling Mechanisms in the Gut IV. There is more to taste than meets the tongue. *Am. J. Physiol. Gastrointest. Liver Physiol.* 278: G6–G9.

Lucius L. Van Slyke (1909) *The science and practice of cheese-making.* Cornell University Library.

Chapter 7 (wet MP3 player)

Charles K. Adams (1987) *Nature's Electricity.* Pennsylvania: Tab Books.

David Linden (1984) *Handbook of Batteries and Fuel Cells.* McGraw Hill Higher Education; 2nd Ed.

Kazunori Ozawa (2008) *Lithium Ion Rechargeable Batteries: Materials, Technology, and Applications.* Wiley VCH.

Clive D.S. Tuck (1991) *Modern Battery Technology (Ellis Horwood Series in Applied Science and Industrial Technology)* Ellis Horwood.

Wayne M. Saslow (2002). *Electricity, Magnetism, and Light.* Toronto: Thomson Learning.

RAE Systems Inc. (2005) *Lithium-Ion Batteries.* Technical Note TN-166 rev 1 cw.01-02.

Jim Stingl (2007) iPod vs. Water: All May Not Be Lost. *Milwaukee Journal Sentinel* 08/29/07.

Chapter 8 (bird droppings)

Jules M. Blais, Lynda E. Kimpe, Dominique McMahon, Bronwyn E. Keatley, Mark L. Mallory, Marianne S. V. Douglas, John P. Smol (2005) Arctic Seabirds Transport Marine-Derived Contaminants. *Science* 15: Vol. 309. no. 5733, p. 445.

D.A. Campbell (1948) Some observations on Top dressing in New Zealand, *New Zealand Journal of Science and Technology* Volume X.

Mary H. Clench and John R. Mathias (1992) Intestinal Transit: How Can It Be Delayed Long Enough for Birds to Act as Long-distance Dispersal Agents? *The Auk* 109(4):933-936.

D. A. Croll, J. L. Maron, J. A. Estes, E. M. Danner, G. V. Byrd (2005) Introduced Predators Transform Subarctic Islands from Grassland to Tundra. *Science* 25: Vol. 307. no. 5717, pp. 1959 - 1961.

Jorge Domínguez, et al. (2003) *Boundary Disputes in Latin America.* United States Washington, D.C.: Institute of Peace.

Steve Ford (1995-2007) *Preserving Your Car's Paint Finish.* The Car Guy.

Anne Fowler (2006) *Looking at Bird Poo.* Fourth Crossing Wildlife.

Edward F. Frank (1998) History of the Guano Mining Industry, Isla de Mona, Puerto Rico. *Journal of Cave and Karst Studies* 60(2): 121-125.

Stephen K. Lower (1999) Introduction to acid-base chemistry. A Chem1 Reference Text. Simon Fraser University.

The Perfect Shine, LLC. (1999-2007) Car Polish Clinic. Autopia Detailing Library.

Casey Quan (1994) Guano, History and Trade. TED Case Studies, Volume 3, Number 1, January.

Cagan H. Sekercioglu (2006) Increasing awareness of avian ecological function. *Trends in Ecology & Evolution* Volume 21, Issue 8, August 2006, Pages 464-471.

E. Skadhauge, K. H. Erlwanger, S. D. Ruziwa, V. Dantzer, V.S. Elbrond and J. P. Chamunorwa (2003) Does the ostrich (*Struthio camelus*) coprodeum have the electrophysiological properties and microstructure of other birds? *Comparative Biochemistry and Physiology - Part A: Molecular & Integrative Physiology*, Elsevier. Volume 134:4, April 2003 , pp. 749-755.

Jimmy M. Skaggs (1994) *The Great Guano Rush*. New York: Saint Martin's Press.

Steven S. Zumdahl, Susan A. Zumdahl, Paul B. Kelter (2002) *Chemistry (sixth edition)*. Houghton Mifflin Company.

Chapter 9 (forgetting bag)

Alan D. Baddeley (1999) *Essentials of Human Memory*. Psychology Press Ltd.

P. J. Bayley, R.O. Hopkins, and L.R. Squire. (2003) Successful recollection of remote autobiographical memories by amnesic patients with medial temporal lobe lesions. *Neuron* 38(April 10):135-144.

M. Boutla, Supalla, T. Newport, L. & Bavelier, D. (2004). Short-term memory span: Insights from sign language. *Nature Neuroscience*, 7(9), 1-6.

N. Cowan (2001). The magical number 4 in short-term memory: A reconsideration of mental storage capacity. *Behavioral and Brain Sciences*, 24, 1-185.

K. A. Ericsson, W. G. Chase, and S. Faloon (1980). Acquisition of a memory skill. *Science*, 208, 1181-1182

S. Lehrl, and B. Fischer (1988) The basic parameters of human information processing: their role in the determination of intelligence. *Personality and Individual Differences.*, 9, 883 - 896.

S. Maeshima, Y. Uematsu, F. Ozaki, K. Fujita, K. Nakai, T. Itakura and N. Komai (1997) Impairment of short term memory in left hemispheric traumatic brain injuries, *Brain Injury*, 11:4, 279 – 286.

Randi C. Martin (2005) Components of Short-Term Memory and Their Relation to Language Processing. Evidence From Neuropsychology and Neuroimaging. *Current Directions in Psychological Science* Volume 14—Number 4.

Catherine E. Myers. (2006) Anterograde Amnesia. Memory Loss and the Brain, the Newsletter of the Memory Disorders Project at Rutgers University.

NICHCY (2006) Traumatic Brain Injury. Fact Sheet 18 (FS18). National Dissemination Center for Children with Disabilities, Washington DC.

M. Poirier, and J. Saint-Aubin (1995). Memory for related and unrelated words: Further evidence on the influence of semantic factors in immediate serial recall. *Quarterly Journal of Experimental Psychology*, 48A, 384-404.

M. Poirier, and J. Saint-Aubin (1996). Immediate serial recall, word frequency, item identity and item position. *Canadian Journal of Experimental Psychology*, 50, 408-412.

Eugen Tarnow (2005) The Short Term Memory Structure In State-Of-The Art Recall/Recognition Experiments of Rubín, Hinton and Wentzel.

KM Visscher, E Kaplan, MJ Kahana & R Sekuler (2007) Auditory short-term memory behaves like visual short-term memory. *Public Library of Science - Biology* 5. 3.

Chapter 10 (skidding on road)

J.B. Dunlop (1924) *The History of the Pneumatic Tyre*. Alex Thorn and CO Ltd.

D. Hosler, S. L. Burkett M. J. and Tarkanian (1999). Prehistoric polymers: Rubber processing in ancient Mesoamerica, *Science*, 284(5422), pp. 1988 - 1991.

Don Iannone (2006) Corporate History: Goodyear Tire & Rubber. *Economic development futures journal*.

Ron Jurgen and Ronald Jurgen (1999) Electronic Braking, Traction, and Stability Controls (Progress in Technology). Society of Automotive Engineers (SAE).

John Loadman (2005) *Tears of the Tree: The Story of Rubber - A Modern Marvel*. Oxford University Press.

Mark Peralta (2002) Limited slip differential. United States Patent 6402656

Charles Slack (2003). *Noble Obsession*, 225, Hyperion.

Society of Automotive Engineers (1995) *Advancements in ABS/TCS and Brake Technology*. Society of Automotive Engineers (SAE).

Unknown (2000) Five Years of the Electronic Stability Program ESP. Web Publications Pty Limited.

Various (1991) Biography - Charles Goodyear - The life and discoveries of the inventor of vulcanized India rubber. *Scientific American Supplement*, No. 787, January 31, pp 19-24.

Chapter 11 (diesel instead of petrol)

Paul K. Dempsey (1995) *Troubleshooting and Repairing Diesel Engines*. Tab Electronics.

Rudolf Diesel (1892) Patent No 7241.

Michael Kemp (2005) A costly mistake. *The Daily Telegraph (UK)* 27/08/2005.

Herbert Kroemer and Charles Kittel (1980). *Thermal Physics*, 2nd ed., W. H. Freeman Company

Crawford MacKeand (1997) *Sparks and Flames: Ignition in Engines - An Historical Approach*. Tyndar Press, US.

R. H. Perry and D. W. Green (1984). *Perry's Chemical Engineers' Handbook*, 6th Edition, McGraw Hill, Inc.

RACQ (2007) Mis-fuelling. The Royal Automobile Club of Queensland, Maintenance and Repairs, Fact Sheets.

Chapter 12 (tripping over)

Charles W. Anderson (1987) Strategy Learning with Multilayer Connectionist Representations. In *Proceedings of the Fourth International Workshop on Machine Learning*, Irvine, CA, 1987, pp.103-114.

H. H. Ehrsson, T. Kito, N. Sadato, R. E. Passingham, and E. Naito (2005). Neural substrate of body size: Illusory feeling of shrinking of the waist. *PLoS Biology*, 3(12).

S. M. Highstein, R. R. Fay, A. N. Popper, editors (2004). *The vestibular system*. Berlin: Springer

J. R. Lackner (1988). Some proprioceptive influences on the perceptual representation of body shape and orientation. *Brain*, 111.

M. L. Lenhardt, R. Skellett, P. Wang, and A. M. Clarke (1991) Human ultrasonic speech perception. *Science*, Vol 253, Issue 5015, 82-85

Ely Rabin and Andrew M. Gordon (2003) Influence of fingertip contact on illusory arm movements. *J Appl Physiol* 96: 1555–1560.

G. Robles-De-La-Torre, V. Hayward (2001). Force can overcome object geometry in the perception of shape through active touch. *Nature* 412 (6845): 445-8.

David A. Winter (1995) *A.B.C. (Anatomy, Biomechanics, Control) of Balance During Standing and Walking*. Waterloo Biomechanics.

Chapter 13 (chewing gum in hair)

Ho Khai Leong (2003) *Shared Responsibilities, Unshared Power: The Politics of Policy-Making in Singapore*. Eastern University; Rev Exp edition.

Debora MacKenzie (1993) Chewing gum gave Stone Age punk a buzz. *New Scientist* 1891, p 7 (18 September 1993).

Cris Prystay (2004) At long last, gum is legal in Singapore, but there are strings, *The Wall Street Journal*, June 4, 2004.

Michael Redclift (2004) *Chewing Gum*. Routledge.

Clarence R. Robbins (2002) *Chemical and Physical Behavior of Human Hair*. Springer-Verlag New York Inc. 4Rev Ed edition.

Wrigleys (2004) *All About Wrigleys*. Wm Wrigley Jr. Company.

Chapter 14 (rain-soaked clothes)

G.K. Batchelor (1967) *An Introduction To Fluid Dynamics*. Cambridge University Press.

Rebecca Harman (2005) *The Water Cycle*. Heinemann Library.

James Kasting (2002) How and when did water come into existence on our earth? NASA Astrobiology Institute.

R. Gomes, H. F. Levison, K. Tsiganis, A. Morbidelli (2005) Origin of the cataclysmic Late Heavy Bombardment period of the terrestrial planets, *Nature*, 435, 466-469.

Jörn Müller, Harald Lesch (2003) Woher kommt das Wasser der Erde? - Urgaswolke oder Meteoriten. *Chemie in unserer Zeit* 37(4), pg. 242 – 246.

John R. Philip (1966). Plant water relations: some physical aspects. *Annu. Rev. Plant Physiol.* 17, 245–268.

William G. Pollard (1971) The Uniqueness of the Earth. *Air University Review*, July-August 1971.

Martin A. Silberberg (2006). *Chemistry, 4th edition*, New York: McGraw-Hill.

various (2003-2004) Wrinkly skin. *BMJ fillers* 2003; 327: 1328-a.

various (1985) *Moisture and Humidity: Measurement and Control in Science and Industry by Its Measurement & Control*. International Symposium Proceedings of Sci Symposium on Moisture and Humidity. Instrument Society of America.

Chapter 15 (being lost)

T. Alerstam (2001). Detours in bird migration. *Journal of Theoretical Biology*, 209, 319-331.

Peter Berthold (2001) *Bird Migration: A General Survey*. Second Edition. Oxford University Press.

S. Carrubba, C. Frlot 2nd, AL Chesson Jr, AA Marino (2006) Evidence of a nonlinear human magnetic sense. *Neuroscience* 144(1):356-67.

Hugh Dingle (1996) *Migration : The Biology of Life on The Move*. Oxford Univ. Press.

David J. Griffiths (1999). *Introduction to Electrodynamics* (3rd ed.). Prentice Hall.

J. Marvin Herndon (1996) Substructure of the inner core of the Earth Vol. 93, Issue 2, 646-648, January 23, 1996, PNAS

Dominik Heyers, Martina Manns, Harald Luksch, Onur Güntürkün, Henrik Mouritsen (2007) A Visual Pathway Links Brain Structures Active during Magnetic Compass Orientation in Migratory Birds. *PLoS ONE* 2(9): e937.

B. Hillier and J. Hanson (1984). *The Social Logic of Space*. Cambridge University Press.

D. F. Hollenbach and J. M. Herndon (2001) Deep-Earth reactor: Nuclear fission, helium, and the geomagnetic field. September 25, 2001, vol. 98, no. 20, PNAS

R. N. Johnson, B. P. Oldroyd, A. B. Barron, and R. H. Crozier (2002) Genetic Control of the Honey Bee (*Apis mellifera*) Dance Language: Segregating Dance Forms in a Backcrossed Colony. *The Journal of Heredity*, The American Genetic Association 93:170–173.

F. Papi, P. Luschi, S. Akesson, S. Capogrossi, GC Hays (2000) Open-sea migration of magnetically disturbed sea turtles *Journal of Experimental Biology* 203: (22) 3435-3443.

A T Scholz, R M Horrall, J C Cooper, A D Hasler (1976) Imprinting to chemical cues - basis for home stream selection in salmon *Science* 192: (4245) 1247-1249

F. Urquhart (1987) *The Monarch Butterfly: International Traveler*. Nelson Hall.

Rfidiger Wehner (1987) 'Matched filters'- neural models of the external world. *J Comp Physiol A* (1987) 161:511-531.

W. Wiltschko, U. Munro, H. Ford and R. Wiltschko (2006). Bird navigation: what type of information does the magnetite-based receiver provide?. *Proc. R. Soc. B.* 272: 2815-20.

Chapter 16 (bee sting)

Benjamin Lester (2007) Honey Bee Defense Leaves Hornets Breathless *ScienceNOW Daily News*, 17 September 2007.

J Meier, J White (1995). *Clinical toxicology of animal venoms and poisons*. CRC Press, Inc.

E. C. Mussen (1998) Wasp Stings. *Bee and Pest Notes*, Publication 7449, produced by IPM Education and Publications, UC Statewide IPM Project, University of California.

Alfred Neugut, Anita Ghatak and Rachel Miller (2001) Anaphylaxis in the United States: An Investigation Into Its Epidemiology. *Arch Intern Med.* 161.108, 15-21.

Hye Ji Park, Seong Ho Lee, Dong Ju Son, Ki Wan Oh, Ki Hyun Kim, Ho Sueb Song, Goon Joung Kim, Goo Taeg Oh, Do Young Yoon and Jin Tae Hong (2004) Antiarthritic effect of bee venom: Inhibition of inflammation mediator generation by suppression of NF- κ B through interaction with the p50 subunit. *Volume 50 Issue 11*, 3504-3515.

R Resiman (1994) Insect Stings. *New England Journal of Medicine* 26: 523-7.

F. E. Russell (1991) Venomous arthropods. *Vet. Hum. Toxicol.* 33(5): 505-508.

J. O. Schmidt (1992) Allergy to venomous insects. In J. Graham, ed. *The Hive and the Honey Bee*, Chap. 27. Hamilton, IL: Dadant & Sons.

P Visscher, R Vetter, S Camazine (1996). Removing bee stings. *Lancet* 348 (9023): 301-2. PMID 8709689.

Chapter 17 (sticking yourself with superglue)

Michael Ashby and David Jones (1996) *Engineering Materials 2nd Ed.* Butterworth-Heinemann, Oxford.

Kellar Autumn, Metin Sitti, Yiching A. Liang, Anne M. Peattie, Wendy R. Hansen, Simon Sponberg, Thomas W. Kenny, Ronald Fearing, Jacob N. Israelachvili, and Robert J. Full. (2002) "Evidence for van der Waals adhesion in gecko setae." Edited by Thomas Eisner, Cornell University, Ithaca, NY, and approved July 9, 2002, Proceedings of the National Academy of Sciences of the United States of America.

J. Brandrup, E. H. Immergut, E. A. Grulke, eds (1999) *Polymer Handbook 4th Ed.* Wiley-Interscience, New York.

F. Jueneman (1981) Stick it to um, Industrial Research & Development, Aug. 1981, p. 19.

Sharon Caskey Hayes (2004) Discovery of Super Glue helped land Coover in National Inventors Hall of Fame. Kingsport Times-News, July 11, 2004.

P. Montagne, et al (2001) *Gelatine*, Larousse Gastronomique (English Edition). New York, Clarkson Potter/Publishers.

P. Painter and M. Coleman (1997) *Fundamentals of Polymer Science*. CRC.

Robert O. Parmley (1989) *Standard Handbook of Fastening and Joining*. McGraw-Hill Professional.

E. M. Petrie (2000) *Handbook of Adhesives and Sealants*. McGraw-Hill Professional.

J. Quinn and J. Kissack (1994) Tissue Adhesives for Laceration Repair During Sporting Events. Clinical Journal of Sports Medicine, Vol. 4 No. 4, p. 245.

Nathan D. Schwade (2002) Wound Adhesives, 2-Octyl Cyanoacrylate. eMedicine article, Apr. 10, 2002

H. V. Vinters, K. A. Galil, M. J. Lundie, J. C. Kaufmann (1985) The histotoxicity of cyanoacrylates. A selective review. *Neuroradiology* 27(4): 279-91

A. G. Ward and A. Courts (1977) *The Science and Technology of Gelatin*. Academic Press, New York.

Chapter 18 (electromagnetic interference from phone)

Jon Agar (2005) *Constant Touch: A Global History of the Mobile Phone*. Totem Books.

ARIB (2002) *IMT-2000 DS-CDMA System*. Published by Association of Radio Industries and Businesses (ARIB).

ARPANSA (2006) Mobile Telephones Scientific Background. ARPANSA - Australian Radiation Protection and Nuclear Safety Agency, Commonwealth of Australia.

Keith Armstrong and Tim Williams (2007) Radiocommunications Agency EMC Awareness. Ofcom, the independent regulator and competition authority for the UK communications industries.

Zhi Ning Chen (ed) (2007) *Antennas for Portable Devices*, John Wiley & Sons.

Zhi Ning Chen and M. Y. W. Chia (2006) *Broadband Planar Antennas: Design and Applications*, John Wiley & Sons.

Peter Glotz and Stefan Bertsch, eds. (2005) *Thumb Culture: The Meaning of Mobile Phones for Society*. Transcript Verlag.

David J. Griffiths (2004). *Introduction to Quantum Mechanics (2nd ed.)*. Prentice Hall.

Simon Haykin (2001). *Communication Systems, 4th edition*, John Wiley & Sons.

Friedhelm Hillebrand, ed. (2002) *GSM and UMTS, The Creation of Global Mobile Communications*. John Wiley & Sons.

Siegmond M. Redl, Matthias K. Weber and Malcolm W. Oliphant (1995) *An Introduction to GSM*. Artech House.

Various (2000-2004) Inter BSC - Intra MSC Handover Call Flow (GSM Inter BSC - Intra MSC Handover Call Flow). EventHelix.com Inc.

Andrew J. Viterbi (1995). *CDMA: Principles of Spread Spectrum Communication*. Prentice Hall PTR.

Chapter 19 (puncture)

AVM Ind (1997-2006) What is a Gas Spring & How Does It Work. Gas Spring Technical Guide. AVM Ind. OEI Division.

Donald Bastow, Geoffrey Howard and John P. Whitehead (2004) *Car Suspension and Handling*. John Wiley & Sons; 4th Edition edition.

Tubal Cain (1998) *Spring Design and Manufacture (Workshop Practice)*. Special Interest Model Books.

EUROPA (2004) Climate change: Commission welcomes political agreement in the Council to reduce emissions of fluorinated greenhouse gases. Press release IP/04/1231 from EUROPA, the portal site of the European Union.

Charles L. Perrin (2007) Nike AIR Technology Explained. Charlie's Sneaker Pages.

Marion F Rudy (1980) Footwear. (A shoe embodying a multiple chambered pneumatically inflated insert encapsulated in a yieldable foam.) United States Patent 4219945.

Marion F Rudy (1982) Diffusion pumping apparatus self-inflating device. United States Patent 4340626.

Marion F Rudy (1990) Load carrying cushioning device with improved barrier material for control of diffusion pumping. United States Patent 4936029.

Marion F Rudy (1991) Load carrying cushioning device with improved barrier material for control of diffusion pumping. United States Patent 5042176.

J.B. Strassner and Laurie Becklund (1993) *Swoosh: The Unauthorized Story of Nike and the Men Who Played There*. HarperBusiness, U.S.

Ian Turner (1995) *Engineering Applications of Pneumatics and Hydraulics*. Butterworth-Heinemann.

Chapter 20 (leaking pens)

Mitchell, C. Ainsworth (1904). *Inks and Their Composition and Manufacture*. Charles Griffin and Company Ltd.

Geoffrey Berliner (2003) Leaking, Flooding, and Other Such Inconveniences of the Fountain Pen. Berliner Pen.

Christoph Cuppers (1989). On the Manufacture of Ink. *Ancient Nepal - Journal of the Department of Archaeology*, Number 113, August-September 1989, pp. 1-7

Raymond P. Dougherty (1928) Writing upon parchment and papyrus among the Babylonians and the Assyrians. In *Journal of the American Oriental Society* 48, pp 109–135.

Editorial (2000) Pencil Us in For the Next Y2K Disaster. *The Moscow Times*, January 14 2000.

Henry Gostony and Stuart Schneider (1998) *The Incredible Ball Point Pen: A Comprehensive History and Price Guide*. Schiffer Publishing Ltd.

Megan Lane (2006) Did Biro's really revolutionise writing? *BBC News Magazine*.

R.A.Leng (1997) Potential rôles of tree fodders in ruminant nutrition. Chapter 4 in *Tree foliage in ruminant nutrition*. Food and Agriculture Organization of the United Nations Rome.

Joe Nickell (1990) *Pen, Ink, and Evidence: A Study of Writing and Writing Materials*. The University Press of Kentucky.

R Reed (1972). *Ancient Skins, Parchments, and Leathers*. Seminar Press.

Peter Tyson (2005) Fading Away. Inquiry article for Saving the National Treasures, NOVA Science programming.

Chapter 21 (mistaken identity)

R. M. Bauer (1984) Autonomic recognition of names and faces in prosopagnosia: A neuropsychological application of the guilty knowledge test. *Neuropsychologia*, 22, 457-469

V Bruce and A. Young (1986) Understanding face recognition. *The British Journal of Psychology*, 77 (3), 305-327.

V. Bruce and A. Young (2000) *In the Eye of the Beholder: The Science of Face Perception*. Oxford University Press.

Daniel Chandler (1997) *Visual Perception 4*. UWA.

Leslie B. Cohen and Cara H. Cashon (2001) Infant Perception and Cognition. *Comprehensive Handbook of Psychology* (New York: Wiley), Volume 6, Developmental Psychology.

M. J. Farah. (1990) *Visual agnosia: Disorders of object recognition and what they tell us about normal vision*. MIT Press.

A. Glennerster et al. (2006) Humans ignore motion and stereo cues in favor of a fictional stable world. *Curr Biol* 16(4):428–32.

- N. G. Kanwisher, J McDermott and M. M. Chun (1997) The fusiform face area: a module in human extrastriate cortex specialized for face perception. *Journal of Neuroscience*, 17 (11), 4302-11.
- I. Kennerknecht, T. Grueter, B. Welling, S. Wentzek, J. Horst, S. Edwards, M. Grueter (2006) First report of prevalence of non-syndromic hereditary prosopagnosia (HPA). *Am J Med Genet A*. 140(15):1617-22. PMID 16817175.
- R. Lickliter, M. Vaillant-Molina, L. E. Bahrick, L. C. Newell and I. Castellanos (2006) Intersensory Redundancy Impairs Face Perception in Early Development Paper presented at the annual meeting of the XVth Biennial International Conference on Infant Studies, Westin Miyako, Kyoto, Japan.
- C. A. Nelson (2001) The development and neural bases of face recognition. *Infant and Child Development*, 10 (1-2), 3-18.
- F. Newcombe, E. H. F. de Haan, M. Small and D. C. Hay (1998) Dissociable deficits after brain injury. In Young, Andrew W. (ed) *Face and Mind*. Oxford: Oxford University Press.
- Y. Xu (2005). Revisiting the role of the fusiform and occipital face areas in visual expertise. *Cerebral Cortex*, 15, 1234-1242

Chapter 22 (torn clothing)

- J. M. Adovasio, O. Soffer, and B. Klíma (1996) Upper Paleolithic Fibre Technology: Interlaced Woven Finds from Pavlov I, Czech Republic, c. 26,000 Years Ago. *Antiquity* 70(269):526–534.
- E.J.W. Barber (1991) *Women's Work: The First 20,000 Years*, New Jersey: Princeton University Press.
- Mary E. Black (1957) *Key To Weaving*, New York: The Macmillan Publishing Co., Inc.
- Deborah Chandler (1995) *Learning to Weave*, Loveland, Colo.: Interweave Press, Inc.
- Julie Chen, Joey Mead, Johannes Leisen, Ning Pan and Steve Warner (2003) Substrate-Coating Interaction in Coated Fabrics. NTC Project: F00-MD06 National Textile Center Research Briefs – Fabrication Competency: June 2003.
- Wendy Chatley Green (1995) Frequently asked questions about the stringy stuff hanging from needles and hooks. *Wool Works*.
- B. M. Haines, J. R. Barlow (1975) Review: The anatomy of leather. *Journal of Material Science* 10, 525-538.
- John W. S. Hearle, O'Hear and N. H. A. McKenna (2004) *Handbook of Fibre Rope Technology*, CRC Press.
- Pankaj K. Porwal, Irene J. Beyerlein and Stuart Leigh Phoenix (2007) Statistical Strength Of Twisted Fiber Bundles with Loadsharing Controlled by Frictional Length Scales. *Journal Of Mechanics of Materials and Structures* Vol2:4.
- Sundara S. Rajan (2002) *Modern Practical Botany*. Anmol Publications Pvt Ltd
- Anthony Sanctuary (1996) *Rope, Twine and Net Making*. Shire Publications Ltd., Cromwell House, Princes Risborough, Buckinghamshire.

J.C. Turner and P. van de Griend, eds (1996) *The History and Science of Knots*. World Scientific, Singapore.

Susan Wyllly (2003) *The Art and History of Weaving*, Georgia College and State University.

Chapter 23 (opening an email virus)

L. M. Adleman (1988) An Abstract Theory of Computer Viruses. *Advances in Cryptology---Crypto '88*, LNCS 403, pages 354-374, 1988.

ASC (2007) Current Working Report: November 19 2007. Anti-Spyware Coalition, Center for Democracy and Technology.

CERT/CC (2000) Love Letter Worm. CERT® Advisory CA-2000-04, Carnegie Mellon University.

Jerry Felix and Chris Hauck (1987). *System Security: A Hacker's Perspective*. 1987 Interex Proceedings 1: 6.

Graham Chapman, John Cleese, Eric Idle, Terry Jones, Michael Palin (1970) Spam. Final sketch of the 25th show of Monty Python's Flying Circus. Broadcast December 15, 1970. BBC Television.

Fred Cohen (1988) *Computer Viruses*. PhD Thesis, University of Southern California, ASP Press.

Gunter Ollmann (2005) *The Phishing Guide: Understanding and Preventing Phishing Attacks*. Network Security Library: Phishing, WindowSecurity.com

David Streitfeld (2003) History of Spam: Opening Pandora's In-Box. *Los Angeles Times, Business*. May 11 2003.

Symantec (2007) *Internet Security Threat Report Volume XII: September, 2007*. Symantec Corporation.

Zakiya M. Tamimi, Javed I. Khan (2006) Model-Based Analysis of Two Fighting Worms, *IEEE/IIU Proc. of ICCCE '06*, Kuala Lumpur, Malaysia, May 2006, Vol-I, Page 157-163.

Ken Thompson (1983) Reflections on Trusting Trust. 1983 Turing Award Lecture, ACM.

H. Toyozumi, A. Kara (2002) Predators: Good Will Mobile Codes Combat against Computer Viruses. *Proc. of the 2002 New Security Paradigms Workshop*.

A. Young and M. Yung (1996) Cryptovirology: Extortion-Based Security Threats and Countermeasures. *IEEE Symposium on Security & Privacy*, pages 129-141.

Various (1996 - 2007) History of Malware. Kaspersky Lab.

Chapter 24 (jammed)

AP (2007) Wal-Mart worker gets his finger stuck. *The Associated Press* October 18 2007.

John J. Bergan, ed. (2006) *The Vein Book*. Academic Press.

Gordon G. Giesbrecht, James A. Wilkerson, and Andrea R. Gravatt (2006) *Hypothermia, Frostbite and Other Cold Injuries: Prevention, Survival, Rescue and Treatment*. Mountaineers Books; 2nd edition.

Vinay Kumar, Abul K. Abbas, Nelson Fausto (2004) *Robbins & Cotran Pathologic Basis of Disease*. W.B Saunders Company, Philadelphia.

Jeffrey C. Leggit and Christian J. Meko (2006) Acute Finger Injuries: Part I. Tendons and Ligaments. *American Family Physician* Vol 73:5.

Robert D. Olsen (1978) *Scott's Fingerprint Mechanics*. Charles C. Thomas, Springfield, IL.

Pam Walker and Elaine Wood (2003) *The Circulatory System (Understanding the Human Body)*. Lucent Books; Library Binding edition.

U. Wiedermann, et al (1996) Vitamin A deficiency increases inflammatory responses. *Scand J Immunol*. 44 (6): 578-84. PMID 8972739.

Chapter 25 (computer hard disk failure)

Aris Christou (1994) *Electromigration and Electronic Device Degradation*. John Wiley & Sons.

C Evans-Pughe (2007) *Live fast, die young*. The Knowledge Network: Electronics. The Institution of Engineering and Technology.

P. S. Ho (1982) Basic problems for Electromigration in VLSI applications, *Proceedings of the IEEE, IRPS*:p. 288 291.

Charles M. Kozierok (1997-2004) *Troubleshooting Hard Disk Drives*. The PC Guide.

Brien M. Posey (2002) *Repairing Hard Disk Problems*. Posey Enterprises.

Ian R. Sinclair (1995) *Hard Drives Made Simple*. Made Simple Books.

Chapter 26 (broken finger)

A. Larry Arsenault And F. Peter Ottensmeyer (1984) Visualization of Early Intramembranous Ossification by Electron Microscopic and Spectroscopic Imaging. *The Journal of Cell Biology* Volume 98 911-921.

Barbara Bain, David M. Clark, Irvin A. Lampert and Bridget S Wilkins (2001) *Bone Marrow Pathology*. Blackwell Science Ltd; 3Rev Ed edition.

J. M. Connor (1983) *Soft Tissue Ossification*. Springer-Verlag.

Alan R. Gaby (1995). *Preventing and Reversing Osteoporosis*. Prima Life; New Ed edition.

Stephen Jay Gould and Elizabeth S. Vrba (1982) Exaptation - a missing term in the science of form. *Paleobiology* 8 (1): 4-15.

E. N. Marieb (1998). *Human Anatomy & Physiology*, 4th ed. Benjamin/Cummings Science Publishing, California.

Frank H. Netter (1987), *Musculoskeletal system: anatomy, physiology, and metabolic disorders*, Summit, Ciba-Geigy Corporation, New Jersey.

Beth W. Orenstein (2004) Lost in Space: Bone Mass. *Radiology Today* Vol. 5, No. 16, p. 10.

St. Andrew's Ambulance Association, St. John Ambulance, British Red Cross (2006) *First Aid Manual: The Authorised Manual of St. John Ambulance, St. Andrew's Ambulance Association, and the British Red Cross*. Dorling Kindersley Publishers Ltd; 8Rev Ed edition.

G. J. Tortora (1989), *Principles of Human Anatomy*, 5th ed. Harper & Row Publishers, New York.

H. K. Väänänen, H. Zhao, M. Mulari, J. M. Halleen (2000) The cell biology of osteoclast function. *J Cell Sci.* 113 (Pt 3):377-81.

X. Wertz, D. Schoëvaert, H. Maitournam, P. Chassignet, L. Schwartz (2006) The effect of hormones on bone growth is mediated through mechanical stress. *Comptes Rendus Biologies* Volume 329, Issue 2, Pages 79-85.

B. Wopenka and J.D. Pasteris (2005) A mineralogical perspective on the apatite in bone. *Materials Science and Engineering: C.* 25(2): 131.

Chapter 27 (dropping keys down drain)

Ugo Besson (2006) How does weight depend on mountain altitude? Institute of Physics Publishing European Journal of Physics Eur. J. Phys. 27, 743–753.

R. P. Feynman, F. B. Morinigo, W. G. Wagner and B. Hatfield (1995). *Feynman lectures on gravitation*. Addison-Wesley.

David J. Griffiths (1998). *Introduction to Electrodynamics*, 3rd ed., Prentice Hall.

David Halliday, Robert Resnick; Kenneth S. Krane (2001). *Physics v. 1*. John Wiley & Sons, New York.

S.W. Hawking and W. Israel (1979) *General Relativity: An Einstein Centenary Survey*, Cambridge University Press, Cambridge, 98.

Brian May, Sir Patrick Moore and Chris Lintott (2007) *Bang! The Complete History of the Universe*. Carlton Books Ltd.

Lisa Randall (2005). *Warped Passages: Unraveling the Universe's Hidden Dimensions*. Ecco.

Edward J. Rothwell, Michael J. Cloud (2001). *Electromagnetics*. CRC Press.

Paul Tipler (1998). *Physics for Scientists and Engineers: Vol. 2: Light, Electricity and Magnetism*, 4th ed., W. H. Freeman.

Paul Tipler (2004). *Physics for Scientists and Engineers: Mechanics, Oscillations and Waves, Thermodynamics*, 5th ed., W. H. Freeman.

Chapter 28 (pulled muscle)

G. A. Brooks, T. D. Fahey and T. P. White (1996). *Exercise Physiology: Human Bioenergetics and Its Applications*. (2nd ed.). Mayfield Publishing Co. Holt, Rinehart, and Winston.

C. Byrne and R. G. Eston (1998) Exercise, muscle damage and delayed onset muscle soreness. *Sports Exercise and Injury*, 4, 69-73.

E. B. Colliander, P. A. Tesch (1990). Effects of eccentric and concentric muscle actions in resistance training. *Acta Physiol. Scand.* 140 (1): 31–9.

David L Costill and Jack H. Wilmore (2004). *Physiology of Sport and Exercise*. Champaign, Illinois: Human Kinetics.

E. L. Fox, R. W. Bowers and M. L. Foss (1993). *The physiological basis for exercise and sport*. 5th edition. Dubuque, IA: WC Brown.

William F. Ganong (2005) *Review of Medical Physiology (Lange Basic Science)*. McGraw-Hill Medical; 22 edition.

R. J. Maughan, M. Gleeson and P. L. Greenhaff (1997) *Biochemistry of Exercise and Training*. Oxford: Oxford University Press.

Satoshi Oota and Naruya Saitou (1999) Phylogenetic Relationship of Muscle Tissues Deduced from Superimposition of Gene Trees. *Mol. Biol. Evol.* 16(6) 856-7, 1999

George A. Ordway and Daniel J. Garry (2004). Myoglobin: an essential hemoprotein in striated muscle. *Journal of Experimental Biology* 207, 3441–3446.

U. Schlattner, M. Tokarska-Schlattner, T. Wallimann (2005). Mitochondrial creatine kinase in human health and disease. *Biochemica et Biophysica Acta* 27.

Chapter 29 (sparking microwaves)

Louis A. Bloomfield (2006) *How Everything Works: Making Physics Out of the Ordinary*. Wiley.

J. Carlton Gallawa (2007) *The Complete Microwave Oven Service Handbook - Operation, Maintenance, Troubleshooting and Repair Operation, Maintenance, Troubleshooting and Repair*. CD-ROM.

Don Murray (1958) Percy Spencer and His Itch to Know. *Readers Digest* August 1958, p114.

Tapan K. Sarkar, Robert Mailloux, Arthur A. Oliner, Magdalena SalazarPalma and Dipak L. Sengupta (2006) *History of Wireless* (Wiley Series in Microwave and Optical Engineering). John Wiley & Sons.

P. L. Spencer. (1950) Method for Treating Foodstuffs. US Patent number 2495429.

Paul Tipler (1998). *Physics for Scientists and Engineers: Vol. 2: Light, Electricity and Magnetism*, 4th ed., W. H. Freeman.

Chapter 30 (broken glass)

S. A. Baeurle, A. Hotta, A. A. Guse (2006). On the glassy state of multiphase and pure polymer materials. *Polymer* 47: 6243-6253

Judy Bird (2007) More than just a glassful! *RB Magazine*, January 2007.

F. Celarie, S. Prades, D. Bonamy, L. Ferrero, E. Bouchaud, C. Guillot, and C. Marliere (2003) Glass breaks like metal, but at the nanometer scale. *Phys. Rev. Lett.* 90, 075504 (issue of 21 February 2003)

Marcus Chown (1995) Why do teardrops explode? *New Scientist*, 11 February 1995.

Corning Museum of Glass (2002-2007) Prince Rupert's Drop and Glass Stress. Corning Museum of Glass, New York.

Williams Ellis (1988) *Glass*. Avon Books Inc., New York, NY.

F. M. Ernsberger (1980) *In Glass: Science and Technology*. Uhlmann, D. R.; Kreidle, N. J., Eds., Acad. New York, Vol. V, Chapter 1.

Amir Fama and Sami Rizkalla (2006) Structural performance of laminated and unlaminated tempered glass under monotonic transverse loading. *Construction and Building Materials* Volume 20, Issue 9, 761-768.

D. G. Holloway (1973) *The Physical Properties of Glass*. Wykeham, London.

D. Johannsmanna (2002) The glass transition and contact mechanical experiments on polymer surfaces. *Eur. Phys. J. E* 8, 257-259.

C. A. Tolman, N. B. Jackson (1988) In *Essays in Physical Chemistry*. Lippincott, W. T. Ed., Am. Chem. Soc., Washington, DC, Chapter 3.

Masayuki Yamane, Yoshiyuki Asahara (2005) *Glasses for Photonics*. Cambridge University Press; New Ed edition.

Chapter 31 (stains)

Susan Druding (1982) Fiber Reactive Dyes and Cibacron F in particular. *Textile Artists' Newsletter [TAN]* Vol. III, No. 3.

Dianne N. Epp (1995) *The Chemistry of Vat Dyes* (Palette of Color Series) Terrific Science Pr.

C. H. Giles, David G Duff and Roy S Sinclair (1989) *Giles's Laboratory Course in Dyeing*, Society of Dyers & Colourists; 4Rev Ed edition.

R.W. Horobin and J.A. Kiernan, Eds (2002) *Conn's Biological Stains: A Handbook of Dyes, Stains and Fluorochromes for Use in Biology and Medicine*. Bios Scientific Publishers Ltd; 10th Ed.

Victor B. Ivanov (English translation 1987) *Reactive Dyes in Biology*. Harwood Academic Publishers, New York, NY.

Julie Johnson (1994) Out, out damned spot! *New Scientist* 24 December 1994.

John Shore (ed): *Cellulosics Dyeing*. Society of Dyers & Colourists.

David R. Waring and Geoffrey Hallas, Eds (1990) *The Chemistry and Application of Dyes* (Topics in Applied Chemistry) Kluwer Academic / Plenum Publishers.

Chapter 32 (chili pepper in eye)

- AOAC (1995) Official Method 995.03 Capsaicinoids in Capsicums and Their Extractives, Liquid Chromatographic Method, First Action 1995, J. AOAC Int.
- Catherine L. Barker (2007) Hot Pod: World's Hottest Chilies, National Geographic Magazine 2007 (May): 21
- Terry Berke (2002). Proceedings of the 16th International Pepper Conference, Tampico, Tamaulipas, Mexico. November 10–12, 2002.
- J. Billing, P. W. Sherman (1998) Antimicrobial functions of spices: why some like it hot. The Quarterly review of biology 73 (1): 3–49. PMID 9586227.
- A. M. Binshtok, B. P. Bean, C. J. Woolf (2007). Inhibition of nociceptors by TRPV1-mediated entry of impermeant sodium channel blockers. Nature 449 (7162): 607–10. PMID 17914397.
- P. W Bosland (1996) Capsicums: Innovative uses of an ancient crop. In: J. Janick (ed.), Progress in new crops. ASHS Press, Arlington, VA. p. 479-487.
- Elizabeth Collingham (2006). *Curry*. Oxford University Press.
- Dave Dewitt (2003) *The Chile Pepper Encyclopedia: Everything You'll Ever Need to Know About Hot Peppers*. Diane Pub Co.
- R. Mathur, et al (2000) The hottest chili variety in India. Current Science 79 (3).
- L. Perry et al. (2007) Starch fossils and the domestication and dispersal of chili peppers (*Capsicum* spp. L.) in the Americas. Science 315: 986-988.
- Paul Rozin¹ and Deborah Schiller (1980) The nature and acquisition of a preference for chili pepper by humans. Motivation and Emotion 4 (1): 77-101.
- C. G. Smith, W. Stopford (1999) Health Hazards of Pepper Spray. North Carolina Medical Journal 60:268-74.
- Donna R. Tainter and Anthony T. Grenis (2001). *Spices and Seasonings*. Wiley-IEEE.
- Joshua J. Tewksbury and Gary P. Nabhan (2001) Seed dispersal: Directed deterrence by capsaicin in chillies. Nature 412, 403-404.
- A. Tiwari, et al (2005) Adaptability and production of hottest chili variety under Gwalior climatic conditions. Current Science 88 (10).
- W. A. Watson, K. R. Stremel, and E. J. Westdorp (1996) Oleoresin capsicum (cap-stun) toxicity from aerosol exposures. Ann Pharmacotherapy 30:733-5.

Chapter 33 (food on the floor)

- Mark Feldman, Lawrence S. Friedman, Lawrence J. Brandt (2006) *Sleisenger and Fordtran's Gastrointestinal and Liver Disease: Pathophysiology, Diagnosis, Management, 2-Volume Set: Pathophysiology, Diagnosis, Management*. Saunders 8th Ed.
- F. Guarner, G. Perdigon, G. Corthier, S. Salminen, B. Koletzko, L. Morelli (2005) Should yoghurt cultures be considered probiotic? Br J Nutr. 2005 Jun;93(6):783-6.

Arthur C. Guyton and John E. Hall (2005) *Textbook of Medical Physiology*. Saunders; 11th edition.

D. Kelly and J. Nadeau (2004) Oral Rehydration Solution: A “Low-Tech” Oft Neglected Therapy. *Nutrition Issues in Gastroenterology* 21: 51-62.

M. Salvatierra, A. Molina, M. Gamboa Mdel, M. L. Arias (2004) Evaluation of the effect of probiotic cultures on two different yogurt brands over a known population of *Staphylococcus aureus* and the production of thermonuclease. *Arch Latinoam Nutr. Sep*;54(3):298-302.

Alexander Swidsinski, Vera Loening-Baucke, Mario Vaneechoutte, Yvonne Doerffel (2007) Active Crohn's disease and ulcerative colitis can be specifically diagnosed and monitored based on the biostructure of the fecal flora. *Inflamm Bowel Dis*. 2007 Nov 29 : 18050295

Arthur J. Vander, James Sherman, Dorothy S. Luciano, Eric P. Widmaier (Ed), Hershel Raff (Ed), Hershhal Strang (Ed) (2003) *Human Physiology: The Mechanisms of Body Function*. McGraw-Hill Education (ISE Editions); 9Rev Ed edition.

Chapter 34 (lightning kills the TV)

Charles K. Adams (1987). *Nature's Electricity*. Pennsylvania: Tab Books.

Yoshihiro Baba and Vladimir A. Rakov (2006) Voltages Induced on an Overhead Wire by Lightning Strikes to a Nearby Tall Grounded Object. *IEEE Transactions On Electromagnetic Compatibility*, Vol. 48, No. 1.

D. J. Boccippio, et al. (1995) Sprites, ELF Transients, and Positive Ground Strokes. *Science* 269: 1088-1091.

D. W. Clifford (1980) Aircraft Mishap Experience From Atmospheric Electricity Hazards. AGARD-LS-110, June 1980.

John D. Cutnell & Kenneth W. Johnson (1995) *Physics. 3rd ed*. New York: Wiley.

F. A. Fisher and J. A. Plumer (1977) Lightning Protection of Aircraft. NASA RP-1008, October 1977.

Alicia Frazier (2005). THEORIES OF LIGHTNING FORMATION. Department of Atmospheric and Oceanic Sciences, University of Colorado, Boulder.

B.C. Gabrielson (1986) *The Aerospace Engineers Handbook of Lightning Protection*, Don White Publishing, Gainesville, VA.

John Gookin (2006) NOLS Backcountry Lightning Safety Guidelines. National Outdoor Leadership School (NOLS).

P. H. Handel (1985) Polarization Catastrophe Theory of Cloud Electricity Speculation on a New Mechanism for Thunderstorm Electrification. *Journal of Geophysical Research*, Vol. 9, No. 03, June 20, 1985, pp. 5857-5863.

Z.I. Kawasaki, T. Kanao, K. Matsuura, M. Nakano, et al (1991). The electric field changes and UHF radiations caused by the lightning in Japan. Abstract. *Geophysical Research Letters*.

J.L. Knighten (1984) An Overview of EMP Hardening Requirements. Presented at the 1984 IEEE Regional Conference on EMC, San Diego, CA, p. 7-1.

David R. Lide. (1996) *Handbook of Chemistry and Physics*. New York: CRC Press.

Zinnia Nair, K. M. Aparna, R. S. Khandagale, T. V. Gopalan (2005). Failure of 220 kV double circuit transmission line tower due to lightning. *Journal of Performance of Constructed Facilities* Vol.19 (No.2).

V. A. Rakov; Martin A. Uman (2003). *Lightning, physics and effects*. Cambridge University Press.

Mark Shrope (2004) Lightning research: The bolt catchers. *Nature* 431: 120-121. doi:10.1038/431120a.

Martin A. Uman (1986) *All About Lightning*. Dover Publications, Inc.

USA Department of Defense (1998) The Militarily Critical Technologies List Part II: Weapons of Mass Destruction Technologies, Nuclear Weapons Effects Technology. Department of Defense (DoD).

Lars Wåhlin (1986) *Atmosphere electrostatics*. Forest Grove, Ore: Research Studies Press.

Chapter 35 (burns and blisters)

Carol Allison (2004) Hot Liquid Pleasure (The History of Tea, Coffe & Chocolate). Transcript of the March 2004 meeting of The Keyworth & District Local History Society.

Chrissie BosworthBousfield (2001) *Burn Trauma: Management and Nursing Care*. John Wiley & Sons; 2nd Edition.

J. Martin Carlson (2001) The Friction Factor. *OrthoKineticReview*, Orthotics&Prosthetics, November/December 2001.

Tammy Hanna and J. Martin Carlson (2004) Freedom from Friction. *OrthoKineticReview*, March/April 2004.

Shehan Hettiaratchy, Remo Papini and Peter Dziewulski, eds (2002) *ABC of Burns*. BMJ Books.

J. J. Knapik, K. L. Reynolds, K. L. Duplantis, B. H. Jones (1996) Friction Blisters: Pathophysiology, Prevention and Treatment. *Sports Medicine* 20(3):136-147.

Yu Lu and Francis Ross Carpenter (1995) *The Classic of Tea: Origins & Rituals*. New York, U.S.A.: Ecco Press.

Peter Schmid (1970) Quantitation of Specific Proteins in Blister Fluid. *The Journal of Investigative Dermatology* Vol 55:4.

St. Andrew's Ambulance Association, St. John Ambulance, British Red Cross (2006) *First Aid Manual: The Authorised Manual of St. John Ambulance, St. Andrew's Ambulance Association, and the British Red Cross*. Dorling Kindersley Publishers Ltd; 8Rev Ed edition.

A. H. Swain, B. S. Azadian, C. J. Wakeley, P. G. Shakespeare (1987) Management of blisters in minor burns. *BMJ* 295 181-181.

Fukuya Yasuhiko, Takano Kunio, Fujimaki Ayako, Noguchi Norio, Ganno Hideaki, Miura Takako (2002) Clinical Comparison on Blister-burns: Preservation of Blister Liquid vs. Aspiration. Japan Journal of Burn Injuries Vol.28:2, 80-86

Chapter 36 (scratched CD)

Luc Baert (1995) Digital Audio and Compact Disc Technology. Focal Press; 3Rev Ed edition.

Tom Bishop (2004) Is music safe on compact disc? BBC News, 27 August 2004.

A. Earnshaw, Norman Greenwood (1997) Chemistry of the Elements, Second Edition. Butterworth-Heinemann.

R. Gordon Gould (June 1959). The LASER, Light Amplification by Stimulated Emission of Radiation. The Ann Arbor Conference on Optical Pumping.

Kenichi Iga (2000), Surface-emitting laser—Its birth and generation of new optoelectronics field, IEEE Journal of Selected Topics in Quantum Electronics 6(6): 1201–1215.

T. Kasparis and J. Lane (1993) Adaptive scratch noise filtering. IEEE Transactions on Consumer Electronics Volume 39, Issue 4, 917 - 922.

OSTA (1997) CD-R & CD-RW Questions and Answers. OSTA Optical Storage Association. OSTA-4, Revision 2.00, 15 July 97.

James T. Russell (1971) Photographic Record of Digital Information and Playback System Including Optical Scanner. United States Patent 3624284.

Bahaa E. A. Saleh and Malvin Carl Teich (1991). *Fundamentals of Photonics*. New York: John Wiley & Sons.

Paul Tipler (1998). *Physics for Scientists and Engineers: Vol. 2: Light, Electricity and Magnetism*, 4th ed., W. H. Freeman.

USByte (2006) Compact Disk (CD). USByte. eMag Solutions LLC.

Chapter 37 (broken tooth)

Aetna Inc (2005) Oral & Dental Health Basics: Fractured and Broken Teeth. Colgate World of Care, Aetna, Inc.

B. T. Amaechi and S. M. Higham (2001) In vitro remineralisation of eroded enamel lesions by saliva. Journal of Dentistry, Volume 29, Number 5, July 2001 , pp. 371-376(6).

M. Ash and Stanley J. Nelson (2003) *Wheeler's Dental Anatomy, Physiology, and Occlusion*. 8th edition.

K K Cheng, Iain Chalmers, Trevor A Sheldo (2007) Adding fluoride to water supplies. BMJ 335:699-702.

William S. Cordua (1998) The Hardness of Minerals and Rocks. Lapidary Digest.

M. Eisenburgera, M. Addyb, J.A. Hughesb, R.P. Shellisb (2001) Effect of Time on the Remineralisation of Enamel by Synthetic Saliva after Citric Acid Erosion. *Caries Research* 35:211-215.

J. M. Hardie (1982). The microbiology of dental caries. *Dental Update*, 9, 199-208.

P. J. Holloway (1983). The role of sugar in the etiology of dental caries. *Journal of Dentistry*, 11, 189-213.
McHenry, Wroe, Clausen, Moreno, & Cunningham (2007) Super-modeled sabercat, predatory behaviour in *Smilodon fatalis* revealed by high-resolution 3-D computer simulation. *PNAS* 104: 10610-10615.

Schmittner Karl-Erich and Giresse Pierre, 1999. Micro-environmental controls on biomineralization: superficial processes of apatite and calcite precipitation in Quaternary soils, Roussillon, France. *Sedimentology* 46/3: 463-476.

B. W. Neville, D. Damm, C. Allen, J. Bouquot (2002) *Oral & Maxillofacial Pathology*. Second edition.

A. R. Ten Cate (1998) *Oral Histology: Development, Structure, and Function*, 5th ed. Mosby-Year Book, Saint Louis.

Chapter 38 (stubbing toe)

M. F. Bear, B.W. Connors, and M.A. Paradiso (2001) *Neuroscience: Exploring the Brain*. Baltimore: Lippincott.

J. R. Clay (2005) Axonal excitability revisited. *Prog Biophys Mol Biol*. 88(1):59 – 90. PMID 15561301

Robbie Davis-Floyd & Joseph Dumit (Eds.) (1998), *Cyborg Babies: From Techno-Sex to Techno-Tots*. New York and London: Routledge.

A. L. Hodgkin, A. F. Huxley (1952) A quantitative description of membrane current and its application to conduction and excitation in nerve. *J Physiol* 117(4):500-44. PMID 12991237

B. Feinstein, J. Langton, R. Jameson, F. Schiller (1954) Experiments on pain referred from deep somatic tissues. *J Bone Joint Surg* 36-A(5):981-97

E. R. Kandel, J. H. Schwartz, T. M. Jessell (2000) *Principles of Neural Science*, 4th ed. McGraw-Hill, New York.

Don Ranney (1996) *Anatomy of Pain*. Ontario Inter-Urban Pain Conference, Waterloo 29/11/1996.

D.J. Taylor, N.P.O. Green, and G.W. Stout (2003) *Biological Sciences*, 3rd ed. United Kingdom : Cambridge University Press.

MG Zhao, H Toyoda, YS Lee, LJ Wu, SW Ko, XH Zhang, Y Jia, F Shum, H Xu, BM Li, BK Kaang, M Zhuo (2005) Roles of NMDA NR2B subtype receptor in prefrontal long-term potentiation and contextual fear memory. *Neuron* 47(6):859-72.

Ann Waugh, Allison Grant (2001). *Anatomy and Physiology in Health and Illness*. Edinburgh: Churchill Livingstone.

Chapter 39 (overflowing bath)

B. Baldwin (1990) The Date, Identity, and Career of Vitruvius. In *Latomus* 49, 425-34.

David Biello (2006) Fact or Fiction?: Archimedes Coined the Term "Eureka!" in the Bath. *Scientific American*, December 8 2006.

Craig R. Carignan and David L. Akin (1997) Actively Controlled Mockups For EVA Training In Neutral Buoyancy. IEEE International Conference on Systems, Man and Cybernetics.

Robert Jackson (2002) *Liners, Tankers, Merchant Ships: 300 of the World's Greatest Commercial Vessels* (Expert Guide). Grange Books PLC.

Mitch Leslie (ed) (2004) The first Eureka moment, *Science* 305: 1219.

Paul Tipler (2004). *Physics for Scientists and Engineers: Mechanics, Oscillations and Waves, Thermodynamics*, 5th ed., W. H. Freeman.

J. S. Turner (1979) *Buoyancy Effects in Fluids*. Cambridge University Press.