Here's a website which was recommended to us by a member of the Association of Vision Science Librarians. It includes a search engine for ophthalmology internet information sites and websites as well as a Medline (NLM) search engine for ophthalmology. There are discussion boards and links to related associations, educational issues, specialties and disorders.

WE ENCOURAGE YOU TO REFER TO THE FOLLOWING JOURNALS ON A MONTHLY BASIS: Monthly Prescribing Reference, which has a regular section on eye medications, and Medical Malpractice Verdicts, Settlements and Experts, which contains a section on cases dealing with vision problems.

Library Assistant Christina Dragonas has selected the following articles from current issues of non-vision journals to help you keep abreast of developments in the optometric field.

In American Family Physician, August 15, p. 623:
“Commonly missed diagnoses in the childhood eye examination”

In American Journal of the Medical Sciences, August, p. 71:
“Frequency of ophthalmic assessments among elderly whites and African Americans with eye disease and impact on visual function”

In American Journal of Physiology, August:
“A role for MAP kinase in regulating ectodomain shedding of APLP2 in corneal epithelial cells,” p. 595.
“Efficacy of bright light and sleep/darkness scheduling in alleviating circadian maladaptation to night work,” p. 375.

In American Journal of Psychiatry, August, p. 1291:
“Smooth pursuit eye-tracking impairment in childhood-onset psychotic disorders”

In American Journal of Tropical Medicine & Hygiene, August, p. 108:
“Carter Center’s assistance to river blindness control programs: establishing treatment objectives and goals for monitoring ivermectin delivery systems on two continents”
In *Annals of Emergency Medicine*, September, p. 332:
“Acute monocular blindness associated with spontaneous common carotid artery dissection”

In *Arthritis and Rheumatism*, August, p. 1959:
“Early hydroxychloroquine macular toxicity”

In *Biochemistry*, August 7, p. 9238:
“Structural changes of *pharaonis* phororhodopsin upon photoisomerization of the retinal chromophore: infrared spectral comparison with bacteriorhodopsin”

In *BioDrugs*, June, p. 369:
“Immunosuppressive treatment of ocular myasthenia gravis”

In *Brain*, August, p. 1646:
“Visual vertigo: symptom assessment, spatial orientation and postural control”

In *Clinical Neurophysiology*, August, p. 1540:
“Internight reliability and benchmark values for computer analyses of non-rapid eye movement (NREM) and REM EEG in normal young adult and elderly subjects”

In *Developmental Dynamics*, August, p. 365:
“Zebrafish mutants: behavioral genetic studies of visual system defects”

In *International Journal of Pharmaceutics*, August, p. 159:
“Chitosan nanoparticles: a new vehicle for the improvement of the delivery of drugs to the ocular surface. Application to cyclosporin A”

In *Journal of Biological Chemistry*, August 10, p. 30161:
“Signaling states of rhodopsin. Absorption of light in active metarhodopsin II generates an all-Trans-retinal bound inactive state”

In *Journal of Biological Chemistry*, August 24, p. 32160:
“Expression and characterization of a murine enzyme able to cleave β-carotene. The formation of retinoids”

In *Journal of Clinical Endocrinology and Metabolism*, August, p. 3562:
“Comparison of the effectiveness and tolerability of intravenous or oral glucocorticoids associated with orbital radiotherapy in the management of severe graves’ ophthalmopathy: results of a prospective, single-blind, randomized study”
In Journal of Clinical Microbiology, August, p. 2873:
“Detection and identification of fungal pathogens by PCR and by ITS2 and 5.8S ribosomal DNA typing in ocular infections”

In Journal of Infectious Diseases, September 1, p. 633:
“Unusual abundance of atypical strains associated with human ocular toxoplasmosis”

In Journal of Lipid Research, September, p. 1395:
“Impaired synthesis of DHA in patients with X-linked retinitis pigmentosa”

In Journal of Neurophysiology, August:
“Role of retinal slip in the prediction of target motion during smooth and saccadic pursuit,” p. 550.
“Gaze-stabilizing deficits and latent nystagmus in monkeys with brief, early-onset visual deprivation: eye movement recordings,” p. 651.
“Dependence of saccade-related activity in the primate superior colliculus on visual target presence,” p. 676.
“Motion information is spatially localized in a visual working-memory task,” p. 912.
“Variations in photoreceptor response dynamics across the fly retina,” p. 950.
“Gaze anchoring to a pointing target is present during the entire pointing movement and is driven by a non-visual signal,” p. 961.

In Journal of Neuroscience, August 15:
“Visual transmission deficits in mice with targeted disruption of the gap junction gene connexin36,” p. 6036.
“Chattering and differential signal processing in identified motion-sensitive neurons of parallel visual pathways in the chick tectum,” p. 6440.

In Journal of Neuroscience, September 1:
“Developmental inhibitory gate controls the relay of activity to the superficial layers of the visual cortex,” p. 6791.
“Transfer of visual motion information via graded synapses operates linearly in the natural activity range,” p. 6957.

In Journal of Occupational & Environmental Medicine, August, p. 713:
“Evaluation of blink reflex results obtained from workers previously diagnosed with solvent-induced toxic encephalopathy”
In *Journal of Oral & Maxillofacial Surgery*, August, p. 921:
“Oculo-facio-cardio-dental syndrome: two new cases”

In *Journal of Physiology*, July:
“The dynamic characteristics of the feedback signal from horizontal cells to cones in the goldfish retina,” p. 511.
“Sensory experiences in humans and single-unit activity in cats evoked by polymodal stimulation of the cornea,” p. 527.

In *Journal of Prosthetic Dentistry*, August, p. 210:
“Technique for fabricating a lightweight, urethane-lined silicone orbital prosthesis”

In *Journal of Rheumatology*, August, p. 1867:
“Association of MICA Alleles and HLA-B51 in Italian patients with Behçet’s Disease”

In *Journal of Rheumatology*, September, p. 2046:
“Visual hallucinations in GCA: association with visual loss”

In *Mayo Clinic Proceedings*, August, p. 823:
“Making sense of refractive surgery in 2001: why, when, for whom, and by whom?”

In *Molecular and Cellular Biology*, September, p. 6280:
“RotundRacGAP functions with ras during spermatogenesis and retinal differentiation in *Drosophila melanogaster*”

In *Molecular Medicine*, July, p. 470:
“Keratocan expression is increased in the stroma of keratoconus corneas”

In *Neurology*, August 14, p. 423:
“Oculomotor abnormalities in attention deficit hyperactivity disorder: a preliminary study”

In *Neurosurgery*, September, p. 660:
“Image-guided placement of eye muscle electrodes for intraoperative cranial nerve monitoring”
In Pediatric Annals, August:
“Vision screening performed by the pediatrician,” p. 446.
“Eyeglasses: why and when do children need them?” p. 455.
“Pediatric ocular and periocular tumors,” p. 491.

In Pediatric Neurology, July, p. 71:
“Three patients with ophthalmoplegia associated with Campylobacter jejuni”

In Pediatrics, August, p. 477:
“Optic neuropathy in children with Lyme Disease”

In Plastic and Reconstructive Surgery, August:
“Morphometry of the orbital region: a soft-tissue study from adolescence to mid-adulthood,” p. 285.
“Limited incision forehead lift for eyebrow elevation to enhance upper blepharoplasty,” p. 564.

In Proceedings of the National Academy of Sciences of the U.S.A., July 31, p. 9391:
“Transient decrease in water diffusion observed in human occipital cortex during visual stimulation”

In Trends in Parasitology, August, p. 358:
“One in the eye for river blindness”

SPECIAL ISSUES OF VISION JOURNALS:

In Current Opinion in Ophthalmology, August:
Selected articles include:
“Extracellular matrix and wound healing;
Chronic cicatrizizing conjunctivitis;
Amniotic membrane surgery;
Keratoprosthesis: an update;
Hyperopic refractive surgery;
Dry eye after refractive surgery.”
In *Progress in Retinal and Eye Research*, September:

“Blood supply of the optic nerve head and the evaluation of it—myth and reality;
Blood flow in the optic nerve head and factors that may influence it;
Corneal wound healing response: cytokine-mediated interaction of the epithelium, stroma, and inflammatory cells;
Characteristics of the human ocular surface epithelium;
Visual ecology of avian photoreceptors.”

RECENT AUDIO-DIGEST OPHTHALMOLOGY TITLES:

Volume 39 (17), September 7:
“Practice Pitfalls:
“Worst-case scenarios;
History taking: the most important and difficult part of the examination;
Refractive patient selection.”

Please publicize this newsletter to your students. Like the alphabetical and subject lists of our journals, *Optometric Library Highlights* can also be accessed from our library homepage local lists and publications section, and print copies are available on the counter to the right of the circulation desk.

KAYE ROBERTSON, REFERENCE/CIRCULATION LIBRARIAN
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