



## Michael W. Gaynon, MD

Clinical Professor, Ophthalmology

 Curriculum Vitae available Online

### CLINICAL OFFICES

- **Stanford Byers Eye Institute**

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### Bio

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### CLINICAL FOCUS

- Ophthalmology

### ACADEMIC APPOINTMENTS

- Clinical Professor, Ophthalmology

### HONORS AND AWARDS

- AOA, University of North Carolina at Chapel Hill (2001)
- Honor Award, American Academy of Ophthalmology (1993)
- Stanford Ophthalmology Resident Teaching Award, Stanford University School of Medicine (2009)

### PROFESSIONAL EDUCATION

- Fellowship: Massachusetts Eye and Ear Infirmary Ophthalmic Training (1978) MA
- Internship: California Pacific Medical Center Internal Medicine Residency (1973) CA
- Fellowship, Mass Eye & Ear Infirmary, Harvard, and Retina Associates, Boston, MA , Vitreoretinal Surgery (1978)
- Medical Education: University of North Carolina at Chapel Hill (1972) NC
- Board Certification: Ophthalmology, American Board of Ophthalmology (1978)
- Residency, Ochsner Clinic, New Orleans, LA , Ophthalmology (1976)
- Residency: Alton Ochsner Med Foundation (1976) LA
- Internship, San Francisco Childrens Hospital and Adult Medical Center , Internal Medicine (1973)
- MD, University of North Carolina at Chapel Hill , Medicine (1972)

## Research & Scholarship

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### CURRENT RESEARCH AND SCHOLARLY INTERESTS

- Retinal Vascular Disease
- Angiogenesis
- Retinopathy of Prematurity
- Sustained Release Drug Delivery Systems

### Publications

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#### PUBLICATIONS

- **Effects of Myo-inositol on Type 1 Retinopathy of Prematurity Among Preterm Infants <28 Weeks' Gestational Age: A Randomized Clinical Trial.** *JAMA*  
Phelps, D. L., Watterberg, K. L., Nolen, T. L., Cole, C. A., Cotten, C. M., Oh, W., Poindexter, B. B., Zaterka-Baxter, K. M., Das, A., Lacy, C. B., Scorsone, A. M., Walsh, M. C., Bell, et al  
2018; 320 (16): 1649–58
- **Prethreshold retinopathy of prematurity: VEGF inhibition without VEGF inhibitors** *JOURNAL OF PERINATOLOGY*  
Gaynon, M. W., Wong, R. J., Stevenson, D. K., Sunshine, P.  
2018; 38 (10): 1295–1300
- **ROP - Guided Embryology for Retinal Vessels**  
Gaynon, M. W.  
ASSOC RESEARCH VISION OPHTHALMOLOGY INC.2018
- **Correspondence.** *Retina (Philadelphia, Pa.)*  
Gaynon, M. W., Wood, E. H., Powers, M. A., Sanislo, S. R.  
2018; 38 (5): e36–e37
- **Regarding 'Advances of optical coherence tomography in myopia and pathologic myopia'.** *Eye (London, England)*  
Wood, E. H., Powers, M. A., Sanislo, S. R., Gaynon, M. W.  
2017
- **Effect of oral niacin on central retinal vein occlusion.** *Graefe's archive for clinical and experimental ophthalmology = Albrecht von Graefes Archiv fur klinische und experimentelle Ophthalmologie*  
Gaynon, M. W., Paulus, Y. M., Rahimy, E., Alexander, J. L., Mansour, S. E.  
2017
- **Potentially Reversible Effect of Niacin Therapy on Edema From Retinal Vein Occlusion** *JAMA OPHTHALMOLOGY*  
Rahimy, E., Gaynon, M. W., Paulus, Y. M., Alexander, J. L., Mansour, S. E.  
2016; 134 (7): 839-840
- **Peripheral Avascular Retina in a Term Male Neonate With Microvillus Inclusion Disease and Pancreatic Insufficiency** *OPHTHALMIC SURGERY LASERS & IMAGING RETINA*  
Paulus, Y. M., Alcorn, D. M., Gaynon, M., Moshfeghi, D. M.  
2015; 46 (5): 589-591
- **Complete visual recovery after incipient crao due to ocular hypoperfusion in a patient with moyamoya disease.** *Retinal cases & brief reports*  
Lad, E. M., Lad, S. P., Ung, C., Jain, A., Steinberg, G. K., Gaynon, M. W.  
2013; 7 (3): 248-251
- **Pseudoduplication of the optic disk.** *Retinal cases & brief reports*  
Sun, Y., Ng, J. K., Gaynon, M. W.  
2011; 5 (2): 144-145
- **Visual disturbance as initial presentation of hairy cell leukemia** *EUROPEAN JOURNAL OF OPHTHALMOLOGY*  
Charalel, R. A., Jain, A. K., Rachakonda, L. P., Gaynon, M. W.

2009; 19 (2): 318-320

- **Images in clinical medicine. Macular hemorrhage from bungee jumping.** *New England journal of medicine*  
Jain, A. K., Gaynon, M.  
2007; 357 (3)
- **Macular hemorrhage from bungee jumping** *NEW ENGLAND JOURNAL OF MEDICINE*  
Jain, A. K., Gaynon, M.  
2007; 357 (3): E3-E3
- **Rethinking stop-ROP: Is it worthwhile trying to modulate excessive VEGF levels in prethreshold ROP eyes by systemic intervention? A review of the role of oxygen, light adaptation state, and anemia in prethreshold ROP** *RETINA-THE JOURNAL OF RETINAL AND VITREOUS DISEASES*  
Gaynon, M. W.  
2006; 26 (7): S18-S23
- **Effect of higher levels of supplemental oxygen on the conversion rate of prethreshold retinopathy of prematurity (ROP) to threshold disease.**  
Madan, A., Gaynon, M.  
ASSOC RESEARCH VISION OPHTHALMOLOGY INC.2001: S683-S683
- **Diffuse unilateral hemorrhagic retinopathy associated with accidental perinatal strangulation - A clinicopathologic report** *RETINA-THE JOURNAL OF RETINAL AND VITREOUS DISEASES*  
Shaikh, S., Fishman, M. L., Gaynon, M., Alcorn, D.  
2001; 21 (3): 252-255
- **What can we learn from STOP-ROP and earlier studies?** *PEDIATRICS*  
Gaynon, M. W., Stevenson, D. K.  
2000; 105 (2): 420-422
- **Retinal Surgery** *Anesthesiologist's Manual of Surgical Procedures*  
Gaynon, M.  
edited by Jaffe, R., Samuels, S.  
Lippincott, Williams & Wilkins.1999; 2: 112-116
- **Supplemental oxygen may decrease progression of prethreshold disease to threshold retinopathy of prematurity.** *Journal of perinatology*  
Gaynon, M. W., Stevenson, D. K., Sunshine, P., Fleisher, B. E., Landers, M. B.  
1997; 17 (6): 434-438
- **Supplemental Oxygen and Light for Prethreshold Retinopathy of Prmaturity** *Retinopathy of Prematurity*  
Gaynon, M., Stevenson, D., Sunshine, P., Fleisher, B.  
edited by Shapiro, M., Biglan, A., Miller, M.  
Kugler Publications.1995: 137-138
- **FLUORESCINATED DEXTRANS AS MARKERS OF RETINAL NEOVASCULAR MEMBRANES**  
CLAIBORNE, D., Gaynon, M.  
ASSOC RESEARCH VISION OPHTHALMOLOGY INC.1992: 1082-82
- **SUSTAINED-RELEASE OF GANCICLOVIR FROM POLY (ORTHO ESTER) POLYMER**  
Gaynon, M., Heller, J., Wuthrich, P.  
ASSOC RESEARCH VISION OPHTHALMOLOGY INC.1991: 883-83
- **BACTEROIDES-FRAGILIS ENDOPHTHALMITIS - A CASE-REPORT** *CANADIAN JOURNAL OF OPHTHALMOLOGY-JOURNAL CANADIEN D OPHTHALMOLOGIE*  
Kelly, L. D., Gaynon, M.  
1990; 25 (4): 208-209
- **Retinopathy of prematurity.** *Pediatrician*  
Gaynon, M. W.  
1990; 17 (3): 127-133
- **COMPLICATIONS OF CRYORETINAL ABLATION FOR STAGE-3 RETINOPATHY OF PREMATUREITY**  
Gaynon, M. W., Stevenson, D. K.

SLACK INC.1989: A203–A203

- **RETINAL FOLDS IN THE SHAKEN BABY SYNDROME** *AMERICAN JOURNAL OF OPHTHALMOLOGY*  
Gaynon, M. W., Koh, K., Marmor, M. F., Frankel, L. R.  
1988; 106 (4): 423-425
- **5-Fluorouracil Buckles and Retinal Pigment Epithelium (RPE) Proliferation In Situ** *Proliferative Vitreoretinopathy (PVR)*  
Snady-McCoy, L., Buzney, S., Bishara, S., Gaynon, M.  
edited by Freeman, H., Tolentino, F.  
Springer-Verlag.1988: 134–139
- **VISUAL ELECTRICAL EVOKED-POTENTIALS - EVALUATION OF OCULAR INJURIES** *NEUROLOGY*  
DORFMAN, L. J., Gaynon, M., Ceranski, J., Louis, A. A., Howard, J. E.  
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- **Use of poly(ortho esters) for the controlled release of 5-fluorouracil and a LHRH analog** *Journal of Controlled Release*  
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- **4-PORT BIMANUAL VITRECTOMY** *ARCHIVES OF OPHTHALMOLOGY*  
Gaynon, M. W., Schepens, C. L., Hirose, T.  
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- **Sustained Release of Fluorouracil by Ethylene Vinyl Acetate Copolymer in a Fibroblast Model of Proliferative Vitreoretinopathy** *Modern Concepts in Vitreoretinal Diseases*  
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- **INTEGRATED PROJECTION OF FUNDUS PHOTOGRAPHS DURING MACULAR PHOTOCOAGULATION** *ARCHIVES OF OPHTHALMOLOGY*  
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- **ALPHA-INTERFERON ADMINISTRATION IN CYTOMEGALOVIRUS RETINITIS** *ANTIMICROBIAL AGENTS AND CHEMOTHERAPY*  
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- **RETINAL NEOVASCULARIZATION AND OCULAR TOXOPLASMOSES** *AMERICAN JOURNAL OF OPHTHALMOLOGY*  
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- **LINEAR-ARRAY MULTIPLE TRANSDUCER ULTRASONIC EXAMINATION OF THE EYE** *OPHTHALMOLOGY*  
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- **TRAUMA-INDUCED ENDOPHTHALMITIS CAUSED BY ACINETOBACTER-ANITRATUS** *BRITISH JOURNAL OF OPHTHALMOLOGY*  
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- **DOWN'S-SYNDROME - 10-YEAR GROUP STUDY** *ANNALS OF OPHTHALMOLOGY*  
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