

CURRICULUM VITAE

Ran Zeimer, Ph.D.

Personal

Present address: Ophthalmic Physics Laboratory
 Wilmer Ophthalmological Institute
 Johns Hopkins University School of Medicine
 Wilmer/Woods Research Building Room 355
 600 N. Wolfe Street
 Baltimore, MD 21287-9131

Born: Paris, France, August 11, 1945
 Citizenship: U.S., Israeli, French
 Marital Status: Married with four children

Education

1969 BSc in Physics and Mathematics. Hebrew University, Jerusalem, Israel

1972 MSc in Physics. Thesis in solid state physics under the tutorship of M. Weger, PhD: "Measurement of the electric conductance of metal hydrides in their alpha phase," Hebrew University, Jerusalem, Israel

1978 PhD in Physics. Thesis in medical physics under the tutorship of A. Weinreb, PhD: "Development and application of a diagnostic method for the analysis of metallic elements in the living body," Hebrew University, Jerusalem, Israel

Professional History

1972-77 Physics instructor, Hebrew University, Jerusalem, Israel

1977-78 Research associate, Ophthalmology Department, Beilinson Hospital, Israel

1979-80 Research associate, University of Illinois at Chicago, Department of Ophthalmology, Chicago, Illinois

Visiting scholar, Physics Department, University of Chicago, Chicago, Illinois

1980-81 Research assistant professor, University of Illinois at Chicago, Department of Ophthalmology, Chicago, Illinois

Visiting scholar, Technology Institute, Northwestern University, Evanston, Illinois

1981-88 Consultant - Fluorotron Master for ocular fluorophotometry, Coherent, Medical Division, Palo Alto, California

1982-84 Adjunct assistant professor, Biomedical Engineering Department Northwestern University, Evanston, Illinois

Consultant on applied physics in medicine, Galil Technologies, Israel

1984-89 Research associate professor, University of Illinois at Chicago, Department of Ophthalmology, Chicago, Illinois

Adjunct associate professor, Biomedical Engineering Department, Northwestern University, Evanston, Illinois

1987-93 Consultant and inventor - simulation devices, Episcleral Venomanometer, Coronagraph and Delta Scope, Eyetech, Ltd., Morton Grove, Illinois

1988-98 Consultant and inventor - Self-Tonometer, CDS, Inc, West Chicago, Illinois

- 1989-93** Research professor, University of Illinois at Chicago, Department of Ophthalmology & Visual Sciences, Chicago, Illinois
- 1992-96** Consultant and inventor - Retinal Thickness Analyzer, Talia Technology, Israel
- 1991-** Consultant and inventor - Laser Slit Biomicroscopy, Talia Technology, Israel
- 1993-** Professor of Ophthalmology, Wilmer Ophthalmological Institute, Johns Hopkins University, Baltimore, Maryland
- 1996-** Consultant and inventor - Remote Screening, DigiScope, EyeTel Imaging Corporation, Columbia, Maryland
- 1999-** Consultant and inventor –Laser Targeted Delivery (LTD) – (PhotoVision Pharmaceuticals, Inc.) as of 2002 - RetinaPharma Pharmaceuticals, Jenkintown, Pennsylvania
- 1999-** International Advisory Board Member, Insituto Biomedico de Investigacao da Luz e Imagem, Universidade de Coimbra, Portugal

AWARDS & CITATIONS

| | |
|---|--------------|
| Graduation with honors, Hebrew University, Jerusalem, Israel, | 1969 |
| Fellowship, National Institutes of Health training grant, Bethesda, Maryland, | 1979-1982 |
| Board member, Midwest Biolaser Institute, Chicago, Illinois, | 1981-1990 |
| Scientific Panel Member, International Society of Ocular Fluorophotometry, Paris, France, | 1981-present |
| Pharmacia Travel Award to the International Congress on Eye Research, Nagoya, Japan, | 1986 |
| Research to Prevent Blindness Manpower Award, New York, New York, | 1987 |
| The University of Illinois Scholar Award, | 1988 |
| Alcon Research Institute Award, | 1994 |
| The Litchfield Memorial Lecture, University of Oxford, | 1996 |
| The Morton F Goldberg Professorship, JHU Wilmer Eye Institute, Baltimore, MD | 2003 |

REFEREED PUBLICATIONS (Total of 90)

PATENTS (Total of 13)