

## CURRICULUM VITAE Ran Zeimer, Ph.D.

### Personal

Present address: Ophthalmic Physics Laboratory  
Wilmer Ophthalmological Institute  
Johns Hopkins University School of Medicine  
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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)