

Henry W. Oviatt, Ph.D.

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EMPLOYMENT HISTORY

Scientific Consultant

8/2009-Present

Distinguished Engineer, Edwards Lifesciences, Irvine, CA 2006-8/2009
Development of continuous Glucose Sensor Technology for Critical Care Patients
Business: Critical Patient Monitoring Devices and heart valve manufacture

Project Manager and Research Scientist
University of California, Irvine, Dept. of Chemistry 2006-2007
Business: Basic Research, Enhanced MRI Vascular Imaging Agents (NIH Funded)
Responsible for all aspects of project conception, management, and execution.

Principal Scientist and Project Manager, SwRI., San Antonio, TX 2001-2005
Business: Contract Research and Development for private and govt. clients
Responsibilities: Project acquisition and management in biomaterials, medical devices, materials science and failure analysis. Management of junior scientists and engineers assigned to projects from cross-functional teams.

Principal Scientist and Project Leader, Process Dev. 1998-2001
Alcon Laboratories, Fort Worth, TX
Business: Global ophthalmic pharmaceutical and device research and manufacturing
Responsibilities: Implementation of research results into manufacturing processes with cross-functional teams for medical devices and pharmaceuticals in a global sales environment.

Research Chemist, CSIRO Molecular Science; 1997-1998
Cooperative Research Center for Cardiac Research, Melbourne, Australia
Business: Non-defense Govt. research for Australia
Responsibilities: Sr. scientist in surface modification for blood contact materials, antibody coupling, blood compatibility and biomaterials development.

Radical Designs, Aliso Viejo, CA 1996-1997
Business: Consulting and contract research
Responsibilities: Owner and operator, all phases of contract research business.

Staff Scientist, Chiron Vision, Irvine, CA 1994-1996
Business: Global ophthalmic device and pharmaceutical manufacturer
Responsibilities: Lead scientist on surface lubrication methods for intraocular lens inserters, silicone UV absorber formulation, gancyclovir controlled release product.

Graduate Student, Dept. of Chemistry Ph.D. Program, UC Irvine, CA 1988-1994
Responsibilities: Physical characterization of polysaccharides by light scattering and rheological method. Development of novel organic-inorganic hybrid material precursors, high surface area materials, non-linear optic materials.

Staff Scientist, Biomaterials Technology Group 1982-1988
Baxter Healthcare/American Hospital Supply Corp., Irvine, CA
Business: Corporate Technology Center supporting operating divisions (Edwards Labs., Bently Labs., Huyer Schulte, Mentor).
Responsibilities: Optical sensor development, organic synthesis and immobilization of fluorescent dyes in silicone and other polymer matrices for blood gas sensing, hydrogels for contact lenses, biodegradable polymers.

EDUCATION

Ph.D. in Chemistry, University of California, Irvine.

PATENTS

9 patents issued, 4 pending; available on request

PUBLICATIONS

10 Publications in peer reviewed journals; available on request.

PRESENTATIONS

Multiple presentations at National Chemistry and Biomaterials meetings

AFFILIATIONS

Materials Research Society

REFERENCES

www.linkedin.com/in/hankoviatt. Others available upon request.