

Daryl S. Boudreaux, Ph.D.

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SUMMARY: Dr. Boudreaux brings an unusual combination of expertise and value to his work in commercializing early stage technologies. A highly credentialed scientist, he is experienced in business as well as in university research and administration. He has worked in the cultures of both small and large companies; he led the technology licensing offices of two major research universities; and more recently has directed investment decisions to commercialize early stage nanotechnology discoveries.

PROFESSIONAL *BOUDREAUX & ASSOCIATES LLC (2009 -)*

EXPERIENCE: **Principal**

Nanotechnology consulting and business development

NANO HOLDINGS, LLC (2004-2009)

Partner and Chief Scientific Officer (Now Emeritus)

NanoHoldings LLC is an investment and commercialization company that assists University Tech Transfer Offices and their leading research scientists commercialize key patentable inventions in the field of Nanotechnology. Founded and funded fourteen companies in five years, each developing nanotechnology products for energy or environmental application.

WILLIAM MARSH RICE UNIVERSITY (1998-2004)

Director, Office of Technology Transfer

Founded the first such function at Rice and grew it rapidly to parity with similar universities. Thirteen new businesses started, nine of them nanotechnologies, including Carbon Nanotechnologies Inc, and NanoSpectra Biosciences. Rice is ranked #1 in IP quality by the Patent Board.

Founder and Co-Director, The Rice Alliance of Technology & Entrepreneurship

The University's principal organization devoted to the synergy between technology and entrepreneurship.

STEVENS INSTITUTE OF TECHNOLOGY (1995-1998)

Director, Technology Transfer & Corporate Development

Responsible for commercialization of intellectual properties that grow from university research programs and for relationship management with corporate benefactors of the Institute.

President, Stevens Technologies, Inc.

Established this Stevens Institute subsidiary for licensing and new company formation, management, and financing.

ALLIEDSIGNAL, INC. (1970-1995)

Director of Information Technologies for Corporate RD&E (1988-1995)

Delivered information technology tools to reduce development costs and product time-to-market.

Business Unit Liaison (Director) (1990-1995)

Developed and managed technology portfolios to develop business strategic technical plans. Led liaison function for *Automotive Safety Restraints*: (\$700 million sales) and *Automotive Braking Systems/Europe*: (\$2.5 billion sales).

Senior Manager, Thin Film & Sensor R&D (1981-1988)

Developed new materials and products including automotive oxygen and oil quality sensors, as well as jet engine control logic and afterburner flame detection. Developed an extensive portfolio of patents to protect the new products.

Senior Physicist, Materials Research Laboratory (1970-1981)

Seminal discoveries in the physics and chemistry of conducting polymers (for plastic batteries), and for metallic glass alloys (a new class of engineering materials).

POLYTECHNIC UNIVERSITY OF NEW YORK (1967-1970)

Associate Professor of Physics

Research on low-energy electron-diffraction and on the physics of metal surfaces.

UNIVERSITY OF CAMBRIDGE, ENGLAND (1966-1967)

Research Associate, Cavendish Laboratory Theory Group

Developed first successful theory of low-energy electron-diffraction.

EDUCATION: **Ph.D., Physics**, Pennsylvania State University (1966)
 B.S., Physics, Loyola University, New Orleans (1962)

BUSINESS: Founder and Board of Directors, IP Business International (acquired by Ideation Int'l)
 Partner and Chief Scientific Officer, NanoHoldings LLC
 Chair/Member, Scientific Advisory Board of several nanotechnology companies
 Nanotechnology consulting

PROFESSIONAL SOCIETIES: Association of University Technology Managers
 2004-2006, Vice President, Professional Development
 Licensing Executives Society
 American Intellectual Property Law Association
 Texas Technology Transfer Association
 IEEE
 Materials Research Society
 American Physical Society

HONORS: AlliedSignal Technical Achievement Awards

- Automotive Oxygen Sensors
- Global Engineering Design System and Database for Friction Materials

Rice University

- President's Award

COMMUNITY: Director, Advisory Board of Houston Technology Center
Member, Advisory Board for Technology Ventures Business Incubator
Member, Technology Evaluation Board, Ben Franklin Technology Partners
Director, Corporate Technology Board, Nanotechnology Institute of Pennsylvania

**PUBLICATIONS/
LECTURES:** 59 publications in refereed scientific journals, many invited lectures and numerous contributions at professional conferences.