

## KOS GALATSIS MBA PHD

### Objective

To lead an organization by applying my unique background in leadership, technology and management.

### Qualifications

- Experienced in leadership and management of multi-million dollar nanotechnology R&D programs.
- Acute analytical and problem solving skills.
- Excellent public speaking, writing and personal communication skills.

### Education

- MBA, LaTrobe University, Finance Major, *Melbourne, Australia, 2003-2004.*
- PhD, RMIT University, Electrical Engineering, *Melbourne, Australia, 1999 – 2002.*
- B.Eng, Hons, Computer Systems Engineering, RMIT University, *Melbourne, Australia, 1995 – 1998.*

### Experience

- **Chief Operating Officer for the Western Institute of Nanoelectronics (WIN) and the Center on Functional Engineered NanoArchitectonics (FENA) located on campus at UCLA, Los Angeles, USA, 2004 – present.**

#### General

- Managed a \$70M nanoelectronic research organization with over 60 projects at 18 top ranked US universities including MIT, Stanford, Berkeley UCSB, UCLA and others.
- Customers included Intel, IBM, AMD, MICRON and Applied Materials and expedited working relationships in both technical and management capacities.

#### Business Management

- Established and implemented organization protocols, project management systems, milestone tracking, financial/budget protocols, recruited, maintained and developed human capital assets.
- Led operations such as goal-setting, milestones, compliance, budgeting and accounting. Led tactical and strategic road-mapping, dealt with contractual issues such as licensing and legal agreements, allocated funding to subcontractors and delegated program execution.
- Communicated organizational and technical progress directly to C-level executives and senior Vice Presidents to semiconductor industry companies via formal and informal sessions and written reports.
- Created and maintained relationships with various third-parties such as ST Microelectronics, SEMATECH, ATDF, Keithley, SANDIA, DARPA, US Department of Defense and numerous other associations.
- Created WIN and FENA brand identification via actively presenting at important conference events, hosting technology forums, participating in industry led workshops, publishing, and hosting annual review conferences.

#### Technical Management

- Managed over 60 technical projects. Managed progress as a function of deliverables. Solicited, reviewed, ranked, engaged, concluded and tech transferred nanotechnology projects.
- Maintained shrewd foresight and kept abreast of technical outcomes in nanotechnology in order to tailor and adjust strategy and intellectual asset portfolio.
- Led strategic planning, identification and research of next-generation technologies impacting the semiconductor industry that spans logic/memory devices, nanomaterials, patterning and nanoarchitectures.
- Balanced needs of industry consortia to accommodate member company core business and future visions.
- Responsible in intellectual property identification. Actively contributed to patent application writing and review. Competent with all intellectual property and licensing matters.

- **Project Manager** – Royal Melbourne Institute of Technology (RMIT University), Melbourne, Australia, 2002-2003. This posting was commissioned after my PhD graduation by the Australian federal government based on my invention of the automobile car cabin monitor. This role predominantly included managing \$400K to develop ten prototype nanotechnology based air quality monitors. Key outcomes included feasibility analysis and prototype performance to help guide draft writing of Australian federal legislation, ultimately aiming to improve Australian automobile safety.

### Accomplishments

- Established and managed the FENA and WIN Centers. \$70M over 4 years focusing on nanotechnology related projects.
- Achieved revenue and funding increase of 150% as Chief Operating Officer of FENA and WIN.

- Technology transfer of nano-crystal floating-gate memory and carbon nanotube alignment fabrication platform to the semiconductor industry.
- Integral part of the California Institute of NanoSystems (CNSI) establishment (\$250M). Chairman (2006) of the nanoelectronic working group focusing on defining resource requirements such as cleanroom equipment and capabilities and considering health, safety and environmental issues of nanotechnology.
- Invented the automobile air quality monitor for improve driving safety together with numerous inventions in spintronics.
- Published 4 book chapters and over 24 journal papers spanning topics such as nanometrology, nanoelectronics, memory, metal oxide and spintronic materials.

**Other**

- Column writer for Nanotechnology Now, Book reviewer for Springer and IEEE Transactions on Nanotechnology.
- Contributor to International Technology Roadmap for Semiconductors (ITRS) chapters on emerging research materials, architecture & spintronics.
- Member of the Institute of Electrical and Electronic Engineers (IEEE).
- Avid ocean swimmer, runner and triathlete.