

SID GUNAMALAI

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I like to work with groups and organizations willing to challenge the norms, to spearhead innovation and technologies by contriving exciting technologies, projects and research for better, faster and more reliable outcomes.

EXPERTISE

- Concept to execution strategies for cross platform innovations and projects.
- Matrix management for rapid, efficient implementation of high impact ideas and technology.
- Establish and manage multiple local and international cross platform partnerships across academia & industry.
- Liaise with staff, executive management, government, contract organizations, fund and governing agencies.
- Fund acquisition from grant agencies, industry sponsors, investors, philanthropists, venture capitalists.
- Building business plans to minimize risk, and developing working solutions.
- Financial oversight, revenue generation, budgets and forecasting.
- Ability to generate interest in various topics to enable and expedite collaborative interest.
- Establish and managed NDAs, MTAs, IRBs and processes for ICH, GxP, and IRB studies.
- Oversight of regulatory requirements, grants, and manuscript preparations.

ACCOMPLISHMENTS

- Increased U Calgary industry partnered research in different sectors to about 60 new projects in 2 years.
- Enhanced external collaborative research interest within UCalgary groups and also external groups by re-establishing priorities, marketing and promotional strategy, and workflow processes.
- In collaboration with local groups, established a local base for companies and investor groups from outside Alberta for R&D efforts.
- Established the Houston Methodist-Center for Neuroregeneration, growing to over 40 staff and 6 faculty.
- Increased long term revenue from provincial and federal funding groups, industry partners, and other collaborating groups.

EXPERIENCE

[Lead, Research Partnerships in Health, Life Sciences, Agro, Vet Med, Quantum, Space and Defense](#)

[Office of the Vice President for Research, University of Calgary, Calgary, Alberta, Canada | 2022 - Present](#)

- Establish local and international research partnerships.
- Establish new processes for collaborations, workflow, database management.
- Manage a team of analysts for reporting, data collection on trends, internal operational outcomes.
- Government relations and stakeholder connections for U Calgary at various levels of institutional integration.
- Establish and outline research strategies for upcoming institutional priorities.

EXPERIENCE

Research Science and Management

University of British Columbia, Vancouver, BC, Canada | 2020 - 2022

Vancouver Coastal Health Research Institute

ICORD (International Collaboration of Research Discoveries)

- Management of local and international cross platform research and externally partnered preclinical, translational and clinical research projects
- Create working platforms for new research and data management solutions
- Financial oversight of new and existing projects, fund sources
- Oversight of industry focussed processes, proposals, legal processes and fund acquisitions

Scientific Consultant

EMPIRI Inc, Houston, TX, USA | February 2019 - Present

- Provide guidelines on start-up entrepreneurship.
- Business development, provide guidelines and direction on state & federal regulation.
- Consultations on risk management, finance & operations.

Research Manager, Center for Neuroregeneration and Neurosurgery

Houston Methodist Research Institute, Houston, TX, USA | April 2015 - June 2019

- Established the Center for Neuroregeneration at Houston Methodist from inception
- Supervised multiple scientific projects: optogenetics, hydrogels, neurostimulation, pre-clinical research
- Managed the Center comprising of 40 personnel including faculty, staff, students in 6 labs
- Created safety plans, standard operating procedures [SOP], strategic development documentation
- Established first-of-it's-kind clinical trials for Houston Methodist
- Established and maintained multiple domestic and international research projects and collaborations

Laboratory Manager and Research Assistant, Cancer Center of Excellence

Houston Methodist Research Institute, Houston, TX | September 2013 - April 2015

- Maintained laboratory function, protocols, compliance, regulation.
- Performed procedures over multiple inter-disciplinary projects
- Managed laboratory financials for the Cancer Center

Research Assistant, Center for Genomic Medicine

Houston Methodist Research Institute, Houston, TX | November 2012 - September 2013

- Assisted with budgeting, laboratory function, drafting protocols.
- Performed experiments on multiple projects against neurodegenerative diseases and conditions

LANGUAGES

	Read	Write	Speak	Level
English	●●●	●●●	●●●	Native
German	●●○	●●○	●●○	A2
Spanish	●●○	●○○	●○○	Casual
Hindi	●●○	●●●	●●○	Casual
Tamil	●●●	●●●	●●●	Native

EDUCATION

Life Science Entrepreneurship, 2019
Jones Business School, Rice University, USA

MS, Biotechnology, 2010,
University of Houston System Houston, TX, USA

B. Tech, Biotechnology, 2008,
SRM University, Chennai, TN, India