

STATEMENT OF QUALIFICATIONS

Microbial Genomics Research Council (MGRC)

Current or Recent Industry Activity

- Pioneered novel approaches in Infection Control and Bacteriology from 2012-2017 (Protocol validations: Local Hospitals and Medical Facilities throughout Southern California)
- Foundation's current Executive Director & Founder : Molecular Biologist and Engineer, 2016 Life-Time Member Inductee into the Highly regarded “**Order of the Engineer**” and former Collegiate President of a local branch Southern California branch of IEEE (2014-2016).
- Foundation's Current Director of External Affairs, Social Media and Community Projects is an Adjunct Biomed Instructor (SCIT 2011-2016)
- Advisory Council Board Members Electronics and Biomedical Programs) San Diego Community College District : Mira Costa College 2017
- Consultants to State of California Health Dept. on Deep / Biological Cleaning 2017
- Speakers Harbor UCLA Medical Center and Loma Linda University School of Medicine Surgical Centers (Infection Control and Bio Med) 2017
- Policy & Legislation Chief Consultants on California State Bills : SB1078 and SB158 Infection Control and Hospital Hygiene (2015-2016)
- Developed The Hospital Hygiene Program to combat MRSA and other HAI 2104 -2015.

- Founded and developed a division of Golden Biotechnology Group . Set up scientific services organization as a Level 3 Laboratory Facility set up for Microbial R&D and Biomedical Instrumentation. Facility provides for PM's, Repair , Troubleshooting , Refurbishment and Decontamination of Equipment and design of biomedical devices, as well as basic microbiological and diagnostics (immunology) Established-2015
- Biomed Manufacturing Facility ISO 90085-2002
- Development of 501(3) c to combat HAI , educate colleagues on cutting edge research and clinical applications and inform and protect the public regarding Nosocomial outbreaks work on developing new classes of antibiotics and new ways to fight the growing threat of microbial disease.
- Requested as speakers at Professional Scientific Conferences and Biomedical Meetings (Local and National) CMIA, AMMI etc. Since 2103
Au Current

Relevant Industry Experience& Background

1. Combined 55 years Biomedical , Bio-Tech and Clinical Engineering Experience: Including teaching and development of professional training materials and certifications.
2. Adjunct Professor of Biomedical Engineering 10 yrs. (Principal- 2)
3. Biology & Chemistry Lab Instructor 8 yrs., Bio101,103 Chemistry 202, 205 Collegiate level Graduate Teaching Assistant- 4 years (Principal-1)
4. Biotechnology Senior Executive 7yrs and Principal Researcher Molecular Biology –UCSD & CSUSB, Baxter Biotechnology.
4. STEM Curriculum Development FOSS Program.US Government Department of Education funded project. CSUSB 3 years.

5. Initiation, work place Biomed Curriculum Development and Coordination of the Intern-Externship Program model for Prime Healthcare of America (58 Hospital system) 2012
6. Science in the Public Interest Speaker Discovery Cube Orange and LA Counties.
7. Engineering Week featured speakers & engineering workshop participation leaders (profiled careers in science) Discovery Cube of LA and Orange Counties.
8. Design presentation and teaching of professional development training workshops in the Biomedical Industry for public and private clients.

9. Adjunct Professor Biomedical Engineering (Principal -2)
10. Advisors /Consultants CDPH HAI-AC Subcommittee on Deep Cleaning .
11. Healthcare Technology Research Advisors

12. Project Planning Consultants for technology logistics and disaster relief deployment and management for private U.S. Company seeking to purify water and bring high capacity small footprint “potable Alkaline water pods” into the disaster zones of Hurricanes: Irma, Harvey , Maria and Jose (2017) company also **looking to provide prepositioned technology to** Mexico City earth quake(2017) victims and community post disaster.