

SUMMARY

Laboratory Director at AGQ Labs, a multinational food safety and agronomic consulting firm. 5+ years management experience. 10 years in the sciences: business development, project oversight, research. Multilingual, Team Builder, Educator.

EDUCATION

AUG 2004 - MAY 2008

PEPPERDINE UNIVERSITY

B.A. CHEMISTRY & SPANISH

Relevant Courses: Analytical Geometry & Calculus I, II & III; Quantitative & Physical Chemistry, Instrumental Analysis, Analog Electronics

JUN 2006 - JUL 2006

STRAUS INSTITUTE

PEPPERDINE SCHOOL OF LAW, CERTIFICATE

Alternative Dispute Resolution

NOV 2016

FOOD SAFETY PREVENTATIVE

CONTROLS ALLIANCE, CERTIFICATE

Preventative Controls Qualified Individual (PCQI)

MAY 2015 - JUN 2017

UNIVERSITY OF CALIFORNIA, DAVIS

POST-HARVEST TECHNOLOGY

CENTER, CERTIFICATE

Produce Professional

SKILLS (PROFESSIONAL)

Management / Consulting

Process Design / Improvement

Research / Development / Implementation

Business Development / Sales

Public Speaking / Teaching

Translation / Copy Writing

Multilingual: English / Spanish / Portuguese

EXPERIENCE

JAN 2012 - PRESENT 5+ years

LABORATORY DIRECTOR

AGQ LABS

OXNARD, CA

Built a state-of-the-art pesticide residue/agronomic laboratory from the ground up (\$3M USD project). Responsible for technical direction, accreditations, day-to-day operations, strategic growth trajectory, R&D, and institutional relationships with key government agencies (FDA, EPA / CA-DPR, APHIS, CDFA, Agricultural Commissioner, CUPA, APCD, City and County Officials).

- Core member of small but nimble launch team that moved from startup phase to \$3M in annual sales in three years.
- Manage a \$1.5M yearly budget & a growing team of 25 scientists, technicians and administrative staff.
- Personally closed more than \$200K in consulting contracts (2016-17)
- Mounted & directed an independent agricultural lab under strategic agreement (Wonderful Orchards, Bakersfield CA)
- Oversaw the building of AGQ Labs Mexico (Guadalajara MX)
- Uphold the highest client fidelity rate & fastest sample turnaround times in the entire AGQ multinational network of laboratories.

JAN 2009 - DEC 2011 2 years

CHEMIST

PRIMUS LABS

SANTA MARIA, CA

- Implemented FDA methodologies for GC-MS instrumentation
- Identified an opportunity to deploy a new, emerging extraction methodology (QuEChERS). Planned and executed the project, effectively reducing the resources necessary for each sample (time & cost) while simultaneously reducing health risks to employees.
- Co-developed a new training manual. Instructed technicians via hands-on workshops.
- Performed pesticide residue analysis using GC-MS, -PFPD, -ECD, -TCD and -PID instrumentation as well as HPLC-UV/VIS with post-column derivatization for food samples.

SEP 2008 - DEC 2009 1.5 years

CHEMIST

AMERICAN ANALYTICS

CANOGA PARK, CA

- Carried out environmental analyses using GC-MS, -FID, and -ECD instrumentation under EPA methodologies for soil, water and vapor samples.
- Operated a mobile laboratory unit (GC-MS) for clients during site investigations and underground storage tank monitoring projects
- Minimized department's paper consumption and reduced cost by undertaking a paperless data reporting process
- Reduced sample turnaround time by taking advantage of available laboratory software resources

EXPERIENCE CONTINUED

LABORATORY CONTRACTOR – GETTY CONSERVATION INSTITUTE

LOS ANGELES, CA (JAN 2008 - AUG 2008) 6 Months

- Expanded an FTIR reference materials database which enabled the Getty's team of research scientists to identify important paint constituents in contemporary artworks.
http://www.getty.edu/conservation/our_projects/science/plastics/index.html

HACU FELLOW, CHEMISTRY – UNITED STATES LIBRARY OF CONGRESS

WASHINGTON, D.C. (AUG 2007 - DEC 2007) 6 Months

- Original research in conservation science. "Degradation product emissions from historic modern books by headspace SPME-GC/MS: evaluation of lipid oxidation and cellulose hydrolysis." *Analytical and Bioanalytical Chemistry*. 10 (2011): 3589-3600. <https://www.ncbi.nlm.nih.gov/pubmed/21274517>

RESEARCH INTERN – PEPPERDINE UNIVERSITY

MALIBU, CA (SUMMERS 2003 & 2004) 6 Months Total

- Investigated the volatilization kinetics of several gasoline oxygenate additives including MTBE, ETBE, DIPE, and TBA by headspace SPME-GC/MS
- Devised and employed a water temperature control system for sub-ambient and super-ambient temperatures which was used to expand the breadth of the study

SPEAKING ENGAGEMENTS (SELECTION)

- Dispatches From the Future You*, Cypress College STEM Research Symposium, Nov 2015, Cypress, CA. Keynote Address.
- Si, Se Puede: STEM Careers and Community College*. Oxnard College, Aug 2015, Oxnard, CA. Keynote Address.
- Ensuring Better Outcomes from Farm to Fork: Nutritional Monitoring and Food Safety*, Inspiring Innovation Tour, September 2015, Garden Grove, CA. Presentation.
- Interpretación de Legislación de Residuos de Plaguicidas: Degradación, Metabolitos e Implicaciones*, Seminario Industria Berries, July 2014, Zamora Michoacán (Mexico). Lecture.
- Trends in Pesticide Residues for Citrus 2013 – 2014: Risk Analysis and Mitigation*, 36th Annual Citrus Postharvest Conference, April 2014, Oxnard, CA. Presentation.
- Análisis de Residuos: Métodos, Técnicas, Interpretación y Validación de Resultados*, Taller PROCOMER Agrícola + Alimentaria, March 2012, San José (Costa Rica). Lecture.

LEADERSHIP

- Executive Committee, Board of Directors – OXNARD CHAMBER OF COMMERCE
Oxnard, CA (JAN 2016 - PRESENT)
- Latino Leadership Award – EL CONCILIO FAMILY SERVICES
With special recognition from UNITED STATES CONGRESS (MAY 2016)

SKILLS (TECHNICAL)

Mass Spectrometry
Chromatography
ISO: 17025 / ELAP
Food Safety Legislation
Photography

SKILLS (SOFTWARE)

Excel / VBA / MS Office
Adobe Creative Suite
Microstrategy (BI)
IT Troubleshooting
Basic Networking

SKILLS (SOFT)

Leadership
Communications (Speaking/Writing)
Active Listener
Negotiation
Resourceful