

Application Form

Profile

Lisa A Martell
First Name Middle Initial Last Name

Home Address Suite or Apt
Crockett CA 94525
City State Postal Code

Primary Phone

Email Address

[District Locator Tool](#)

Resident of Supervisorial District:

District 5

Planned Parenthood of Northern California Employer
Technical Supervisor, Clinical Laboratory Job Title

Length of Employment

3 months

Do you work in Contra Costa County?

Yes No

If Yes, in which District do you work?

How long have you lived or worked in Contra Costa County?

7 years

Are you a veteran of the U.S. Armed Forces?

Yes No

Board and Interest

Which Boards would you like to apply for?

Hazardous Materials Commission: Submitted

Seat Name

HMC Environmental Org Seat

Have you ever attended a meeting of the advisory board for which you are applying?

Yes No

If Yes, how many meetings have you attended?

Education

Select the option that applies to your high school education *

High School Diploma

College/ University A

Name of College Attended

West Chester University of PA

Degree Type / Course of Study / Major

Biology

Degree Awarded?

Yes No

College/ University B

Name of College Attended

Degree Type / Course of Study / Major

Degree Awarded?

Yes No

College/ University C

Name of College Attended

Degree Type / Course of Study / Major

Degree Awarded?

Yes No

Other Trainings & Occupational Licenses

Other Training A

Clinical Laboratory Scientist Internship

Certificate Awarded for Training?

Yes No

Other Training B

Certificate Awarded for Training?

Yes No

Occupational Licenses Completed:

CA-CLS generalist license, ASCP MT

Qualifications and Volunteer Experience

Please explain why you would like to serve on this particular board, committee, or commission.

I have been involved in community organizing in a local way with regards to Selby Slag along with keeping up on the developments ongoing at the P66 refinery in Rodeo.

Describe your qualifications for this appointment. (NOTE: you may also include a copy of your resume with this application)

I am qualified because of my clinical laboratory background. I have an understanding on how hazardous materials affect human health and how to measure its effects.

Upload a Resume

Would you like to be considered for appointment to other advisory bodies for which you may be qualified?

Yes No

Do you have any obligations that might affect your attendance at scheduled meetings?

Yes No

If Yes, please explain:

Are you currently or have you ever been appointed to a Contra Costa County advisory board?

Yes No

If Yes, please list the Contra Costa County advisory board(s) on which you are currently serving:

If Yes, please also list the Contra Costa County advisory board(s) on which you have previously served:

List any volunteer or community experience, including any advisory boards on which you have served.

Community Activist Group working and in direct communication with Asha Setty at DTSC regarding the project at Selby Slag.

Conflict of Interest and Certification

Do you have a familial or financial relationship with a member of the Board of Supervisors? (Please refer to the relationships listed under the "Important Information" section below or Resolution No. 2021/234)

Yes No

If Yes, please identify the nature of the relationship:

Do you have any financial relationships with the County such as grants, contracts, or other economic relationships?

Yes No

If Yes, please identify the nature of the relationship:

Please Agree with the Following Statement

I CERTIFY that the statements made by me in this application are true, complete, and correct to the best of my knowledge and belief, and are made in good faith. I acknowledge and understand that all information in this application is publicly accessible. I understand that misstatements and/or omissions of material fact may cause forfeiture of my rights to serve on a board, committee, or commission in Contra Costa County.

I Agree

Important Information

1. This application and any attachments you provide to it is a public document and is subject to the California Public Records Act (CA Government Code §6250-6270).
2. All members of appointed bodies are required to take the advisory body training provided by Contra Costa County.
3. Members of certain boards, commissions, and committees may be required to: (1) file a Statement of Economic Interest Form also known as a Form 700, and (2) complete the State Ethics Training Course as required by AB 1234.
4. Meetings may be held in various locations and some locations may not be accessible by public transportation.
5. Meeting dates and times are subject to change and may occur up to two (2) days per month.
6. Some boards, committees, or commissions may assign members to subcommittees or work groups which may require an additional commitment of time.
7. As indicated in Board Resolution 2021/234, a person will not be eligible for appointment if he/she is related to a Board of Supervisors' member in any of the following relationships:
 - (1) Mother, father, son, and daughter;
 - (2) Brother, sister, grandmother, grandfather, grandson, and granddaughter;
 - (3) Husband, wife, father-in-law, mother-in-law, son-in-law, daughter-in-law, stepson, and stepdaughter;
 - (4) Registered domestic partner, pursuant to California Family Code section 297;
 - (5) The relatives, as defined in 1 and 2 above, for a registered domestic partner;
 - (6) Any person with whom a Board Member shares a financial interest as defined in the Political Reform Act (Gov't Code §87103, Financial Interest), such as a business partner or business associate.

Lisa Argento Martell

Crockett, CA 94525

Education

Master of Science-Biology
January 1999-June 2000
Credits earned toward an MS
West Chester University
West Chester, PA

Bachelor of Science-Biology/Medical Technology
May 1997
West Chester University
West Chester, PA

Internship

Medical Technology Internship
Pennsylvania Hospital
Philadelphia, PA

- Clinical rotations including clinical coursework in Microbiology, Serology, Chemistry, Blood Bank, and Hematology.

Work Experience

Clinical Laboratory Scientist-Technical Supervisor
August 2023-Present
Planned Parenthood of Northern California

- Oversee the regional laboratory operations
- Supervise testing personnel and laboratory assistants
- Perform and prepare QA reports, initial and annual validations
- Assure quality results in a timely fashion by reviewing data
- Perform testing utilizing the Panther system as needed
- Maintain documentation, protocols and policies
- Interface with clinics to address result issues
- Interface with other department managers to assure clinic testing needs are met

Clinical Laboratory Scientist-Technical Specialist
January 2023-October 2023
University of California San Francisco

- Perform the metagenomic Next Generation Sequencing using the illumina platform in the microbiology clinical laboratory to identify elusive pathogens in patient's CSF with symptoms of encephalitis or meningitis
- Technical Specialist overseeing the metagenomics NGS assay performance
- Troubleshooting issues with the mNGS CSF test results
- Development and validation of new technology/matrices for mNGS testing
- Assist in writing of SOPs, perform validation on new instruments, maintain instrumentation

Clinical Laboratory Scientist-Technical Specialist
June 2017-January 2023
University of California Berkeley

- Assist in writing of SOPs, perform validation on new instruments, maintain all instrumentation,
- Primary liaison between LIS for coordination of upgrades, interface installation and troubleshooting, update test menu and interface with EMR
- Primary trainer for all lab equipment including but not limited to the LIS
- Maintain proficiency testing programs
- Provide technical assessments for needs of new equipment, set-up and interfacing of new equipment,
- Perform validation and set up and execute QCP program.
- Performing routine and stat testing in a clinical laboratory including but not limited to chemistry, coagulation, hematology, microscopy, microbiology and
- Report results to clinicians including critical values within established turnaround times.021
- Perform scheduled quality controls on all assays
- Participate in proficiency and competency testing
- Troubleshooting assay issues
- Maintain point of care instrumentation

Instruments used: Pentra 400C, Pentra 60+, Clinitek, Cepheid, Quidel (D-dimer), Qualigen(quantitative bHCG)

Examiner I
December 2016-June 2017
California Department of Public Health-Laboratory Field Services

- Reviewing of licensing applications for both clinical laboratory facilities and personnel
- Assuring all renewal and initial applicants meet both the California and CLIA regulations
- Position was taken with the anticipation of promotion to Examiner II
- Expertise and knowledge also utilized for assisting in re-writing of the state regulations to assure clarity and quality to keep pace with new technologies, namely molecular techniques, including next generation sequencing

Lead Clinical Laboratory Scientist, Generalist
September 2015-December 2016
Southern Humboldt County Regional Health District

- Performing routine and stat testing in a clinical laboratory including but not limited to chemistry, coagulation, hematology, microscopy, microbiology and transfusion services
- Report results to clinicians including critical values within established turnaround times.
- Perform scheduled quality controls on all assays
- Participate in proficiency and competency testing
- Troubleshooting assay issues
- Maintain point of care instrumentation

Instruments used: Siemens EXL200, Sysmex600Ca, Sysmex1000i, MedTox, ABL800 Co-ox, Centriq LIMS

Clinical Laboratory Scientist, Sr. Supervisor, Specialist
May 2011-July 2015
University of California San Francisco

- Performing routine testing in a molecular diagnostics laboratory

- Both validated and performed DNA extraction, quantitation and subsequent PCR based assays, Sanger sequencing and fragment analysis
- Maintenance and updating of documentation throughout the lab to CLIA standards (Federal amendment regulating clinical laboratory testing),
- Maintenance of laboratory licensing, monitoring testing requests and providing assay schedule to assure best turn around time for results.
- Equipment validation and maintenance record review, maintaining quality systems and performance and planning of assay development and validation to support solid tumor molecular testing.
- Utilized Copath to order histological recuts, accession samples and provide preliminary reports to pathologists. Utilized APeX EMR system to track resulting.
- Instruments used: Roche LC480 Light Cycler, Life Technologies 3500xL.

Clinical Laboratory Sr. Scientist
 January 2005-April 2011
 BioMarin Pharmaceutical, Inc.

- Immunogenicity, pharmacokinetic and biomarker assay development and validation to support clinical trials in a GLP/GCP environment.
- Writing of development reports along with validation protocols and reports documenting bioanalytical efforts in support of IND filing.
- Management of outsourced assay development, validation and testing of clinical samples.
- Development and performing ELISA and ECLA assays for monitoring anti-drug antibodies and pharmacokinetic studies.
- Polyclonal antibody purification utilizing AKTA FPLC.
- Maintained CLIA license for lab, proficiency testing.
- Supervise a staff of research associates and direct development of new assays while troubleshooting validated assays.
- Instruments used: Spectramax plate reader, MesoScale Discovery electrochemiluminescence plate reader, AKTA FPLC

Staff Research Associate II/Laboratory Manager
 June 2003-July 2004
 University of California San Francisco's Cancer Center
 San Francisco, CA

- DNA extraction/isolation from paraffin embedded samples for comparative genomic hybridization (CGH).
- CGH performed on both cell culture and paraffin embedded tumor extracted DNA.
- Microdissection of tumor tissue from paraffin embedded slides.
- Growth and maintenance of several cervical cancer cell lines, RT-PCR, Taqman, RNA extraction from cell lines.
- Managed the laboratory for primary investigator. Maintained equipment, orders and inventory of supplies including supervision of staff.
- Data analysis and reports presented to PI weekly.
- Use of excel, word, Genepix, Spot/Sproc for CGH analysis.

Research Biologist
 September 2000-May 2003
 Viropharma, Inc.
 Exton, PA

- High throughput screening in cell culture for antivirals within a small organic molecule library.
- Manage screening data, maintain compound library,
- Perform follow-up work (IC50, time of drug addition studies, drug mechanism elucidation work including production of drug resistant strains and characterizing resistance through cloning and sequencing).

- Instruments used: Biomek FX, Biomek 2000

Graduate Assistant
January 1999-May 2000
West Chester University
West Chester, PA

- Teaching non-majors Biology laboratory courses.

Microtechniques Technician
September 1997-January 1999
Hexagon Press
West Chester University
West Chester, PA

- Staining and digitizing microscope slides for textbook publication.

Personal Assistant

May 1995-September 1997
West Chester, PA

- Aided a quadriplegic individual in his home with range of motion exercises and personal hygiene.

Accreditation

American Society of Clinical Pathologists (ASCP) certification for Medical Technologist. #03854769
California State Clinical Laboratory Science License
License# MTA40604

Volunteer Experience

Chairperson of Tenant's Voice Council of Marin County
Board member with Grassroots Leadership Network of Marin
Participant in the Chester County AIDS Social Services Buddy Program.

Publications and Patents

White, J. T., Martell, L. A., Prince, W. S., Boyer, R., Crockett, L., Cox, C., VanTuyl, A., Aguilera, A., Foehr, E. Comparison of Neutralizing Antibody Assays for Receptor Binding and Enzyme Activity of the Enzyme Replacement Therapeutic Naglazyme (Galsufase). AAPS Journal. 2008.

White, J. T., Martell, L. A., VanTuyl, A., Boyer, R., Warness, L., Taniguchi, G.T., Foehr, E. Development, Validation and Clinical Implementation of an Assay to Measure Total Antibody Response to Naglazyme (Galsufase). AAPS Journal, 2008.

Patent US20080003626A1 Assays for Detection of Antibodies to Lysosomal Enzymes. Published Jan. 3, 2008.

