



COUNTY ADMINISTRATOR
220 NORTH MAIN STREET, P.O. BOX 8645
ANN ARBOR, MICHIGAN, 48107-8645
(734) 222-6850
FAX (734) 222-6715

TO: Katie Scott, Chair
Ways & Means Committee

THROUGH: Gregory Dill
County Administrator

FROM: Ellen G. Rabinowitz
Washtenaw County Health Department (WCHD)

DATE: July 10, 2019

SUBJECT: Health Department Acting Medical Director

BOARD ACTION REQUESTED:

Ratify the Appointment of Juan Luis S Marquez MD MPH as Washtenaw County Health Department Acting Medical Director effective July 1, 2019

BACKGROUND:

The current contract with the University of Michigan for the Washtenaw County Health Department Medical Director, expires July 10, 2019. As such, effective June 30, 2019 the County Medical Director position will be vacant. Medical Direction services will be provided on an interim basis by Dr. Juan Marquez until a full recruitment and hiring process can be initiated by the Health Department.

A Medical Director position is required in all local health departments by the Michigan Public Health Code, PA 368 of 1978. For a County with a population greater than 150,000 State Administrative Rules (325.13001, 325.13002 and 325.13004) require Public Health Departments to have a full-time Medical Director meeting the qualifications set forth in the Rules.

DISCUSSION:

State Administrative rules require Public Health Medical Directors to have the following qualifications:

- A physician licensed in Michigan as an MD or DO *and one of the following:*
 1. Board certified in preventive medicine or public health;

2. Has an MPH or MSPH degree and not less than 2 years of full-time public health practice;
3. Has not less than 3 years of full-time public health practice and 24 graduate credits acceptable toward a public health degree.

Dr Marquez is a licensed physician in the State of Michigan, has an M.D. and an MPH with 2 years public health practice. During his preventive medicine residency, Dr Marquez worked at various local health departments, including Washtenaw County, and at the Michigan Department of Health and Human Services. In addition, as a 2018 Detroit Albert Schweitzer Fellow, Dr Marquez worked with the Washtenaw County Health Department to conduct a needs assessment related to opioid use disorders.

IMPACT ON HUMAN RESOURCES

The permanent Medical Director position is anticipated to be filled within the next six to twelve months.

IMPACT ON BUDGET

Costs for this will be covered through the Health Department budget.

IMPACT ON INDIRECT COSTS:

None

IMPACT ON OTHER COUNTY DEPARTMENTS OR OUTSIDE AGENCIES:

The County appointment is contingent on approval from the Michigan Department of Health and Human Services which was received June 19, 2019.

CONFORMITY TO COUNTY POLICIES

This request is in conformance with County policies.

ATTACHMENTS/APPENDICES:

Dr Juan Marquez's CV

Letter of approval from the Michigan Department of Health and Human Services

A RESOLUTION RATIFYING THE APPOINTMENT OF DR JUAN LUIS S
MARQUEZ AS THE WASHTENAW COUNTY HEALTH DEPARTMENT ACTING
MEDICAL DIRECTOR EFFECTIVE JULY 1, 2019

WASHTENAW COUNTY BOARD OF COMMISSIONERS

July 10, 2019

WHEREAS, the Health Department Medical Director (Position #3429 0001) is vacant; and

WHEREAS, the University of Michigan was providing Medical Director services through a contract that ends on June 30, 2019; and

WHEREAS, County policy requires the Board of Commissioners to ratify the appointment of an executive level position; and

WHEREAS, State Law (PA368 of 1978) and Administrative Rule (325.13001) requires a full time Medical Director for Counties over 150,000 in population; and

WHEREAS, Administrative Rules require a Public Health Medical Director to have the following qualifications:

- A physician licensed in Michigan as an MD or DO *and one of the following:*
 1. Board certified in preventive medicine or public health;
 2. Has an MPH or MSPH degree and not less than 2 years of full-time public health practice;
 3. Has not less than 3 years of full-time public health practice and 24 graduate credits acceptable toward a public health degree;

WHEREAS, Dr. Marquez is an experienced physician and has an MPH from the University of Michigan School of Public Health; and

WHEREAS, the cost for the appointment is fully funded in the Health Department budget; and

WHEREAS, this matter has been reviewed by Corporation Counsel, the Finance Department, Human Resources, the County Administrator's Office and the Ways & Means Committee

NOW THEREFORE BE IT RESOLVED that the Washtenaw County Board of Commissioners hereby authorizes the appointment as Acting Medical Director for the Health Department effective 7/1/2019.

Juan Luis S Marquez, MD, MPH

CONTACT INFORMATION

1137 South 7th Street
Ann Arbor, MI 48103

Phone: (650) 799- 3488
Email: jlsmarquez@gmail.com

EDUCATION/ TRAINING

7/2017- 6/2019 **University of Michigan School of Public Health**, Ann Arbor, MI
Residency, Preventive Medicine- Expected 6/2019

8/2017- 12/2018 **University of Michigan School of Public Health**, Ann Arbor, MI
Masters of Public Health- Received 12/2018

6/2015- 6/2016 **University of Michigan Health System**, Ann Arbor, MI
Internship, Transitional (Anesthesiology)- Completed 6/2016

8/2011-6/2015 **Stanford University School of Medicine**, Stanford CA
Doctor of Medicine- Received 6/2015

9/2002-6/2006 **Stanford University**, Stanford, CA
B.A Human Biology- Received 6/2006.

LICENSURE/CERTIFICATION

05/2013 USMLE Step 1

12/2014 USMLE Step 2

03/2016 USMLE Step 3

Michigan Educational Limited Medical License, No. 4301119378

Michigan Controlled Substance License, No. 5315209609

DEA Controlled Substance License, No FM6749660

PROFESSIONAL EXPERIENCE

4/2018- 4/2019 **Albert Schweitzer Fellow**, Authority Health, Detroit, MI

- Selected as one of the 2018 Detroit Albert Schweitzer Fellows
- In collaboration with Washtenaw County Health Department and Washtenaw Health Initiative, conducting needs assessment for Washtenaw County regarding opioid use
- Conducted hundreds of hours of interviews with community and professional stakeholders
- Analyzed and presented data to guide strategic plan

4/2017- 10/2017 **Clinical Advisor**, Castlight Health, San Francisco, CA.

- Clinical advisor for the medical search team
- Assisted with curation of medical information used by customers of online search tool

1/2017- 5/2017 **Brain Clinical Fellow**, Google, Mountain View, CA.

- Junior product manager for multiple clinical research projects
- Conducted literature review and in-depth needs assessments of various healthcare and medical issues
- Co-authored Google Cloud Platform (GCP) blog post titled “New healthcare and population datasets now available in Google BigQuery,” posted 5/19/2017.

3/2015- 6/2015 **Clinical Advisor**, Castlight Health, San Francisco, CA.

- Translated medical terminology and procedures for data project
- Worked Closely with director of clinical group

10/2012- 6/2015 **Research Assistant**, Stanford School of Medicine, Department of Pediatric Anesthesia, Stanford, CA.

- Under leadership of Dr. Thomas Caruso, designed, implemented, & analyzed multiple projects including:
- Quality improvement with focus on improving patient hand-offs between care teams
- Incorporation of coaching system into ACGME milestones
- Development of curriculum on airway management for perioperative nursing

4/2012- 8/2012 **Research Assistant**, Castlight Health, San Francisco, CA.

- Studied effects of Reference Based Pricing on Consumer Behavior
- Design user behavior survey and online survey tool.
- Screen and enroll users into study
- Analyzed study data

1/2011-7/2011 **Research Assistant**, Stanford Prevention Research Center Stanford, CA.

- Under Dr. Abby King, assisted with Lifestyle Interventions and Independence for Elders (LIFE) Study
- Recruit, screen and enroll participants
- Translation of documents
- Data collection
- Perform recruitment outreach in predominantly Spanish-speaking communities

4/2010- 7/2011 **Research Assistant**, Stanford Human Performance Lab, Stanford, CA.

- Under Dr. Anne Friedlander, conducted study to predict overtraining in college athletes.
- Literature review, protocol development, & data collection/analysis
- Development of MS Access database, data collection forms, and online collaborative tools to manage data collection and schedule coordination
- Manage team of undergraduate students

10/2007-11/2009 **Supply Chain & Logistics Manager**, Jennerex Inc., San Francisco, CA.

- Created systems & processes to order, track and resupply clinical supplies (“Just in time shipping”) for several international Phase 1 & II oncology trials.
- Distribution, packaging and management of Investigational Drug Product under GMP environment.
- Closely worked with Manufacturing, Clinical Operations, and Senior Management to project and plan upcoming drug and clinical supply needs.
- Managed multiple projects in a team environment including an Emergency Use treatment
- Developed Standard Operating Procedures (SOPs) and quarterly budgets for department

6/2006- 4/2007 **Research Assistant**, VA Palo Alto Health Care System, Palo Alto, CA.

- Under Dr. Anne Friedlander, assisted in study to understand effects of cyclic hypobaric hypoxia in middle aged males
- Recruited, enrolled, and tested subjects
- Data collection and analysis
- Co-author of manuscript

6/2005-10/2006 **Asthma Management Coordinator**, Fair Oaks Children’s Clinic, Redwood City, CA.

- Coordinated all aspects of asthma program which focused on serving the clinic’s predominantly lower-income, Hispanic patient population.
- Presented asthma education lessons to pediatric patients and parents to improve the clinical management of the children’s asthma—majority of classes were given in Spanish

INVITED PRESENTATIONS

10/2018 “Uniform Data System 2017 Analysis”, Center for Family Health, Jackson MI.

1/2018 “Navigating the Healthcare System”, Women’s Health and Fitness Day 2018, University of Michigan American Medical Women’s Association, Ypsilanti, MI.

PUBLISHED ABSTRACTS/ POSTERS

1. **Marquez JL.**, Williams BC., Kalinowski A., Power LE., Marshall JK. “Development of an experiential public health and leadership rotation in medical education”. Poster Presentation at 2019 Association for Prevention Teaching and Research, Cleveland, OH, April 2019.
2. Caruso TJ., Priones N., Piro N., Li J., Steinberg D., Katznelson L., **Marquez JL.**, Dohn A. “Training for the future: A randomized trial of an experiential mentorship curriculum for resident physicians, comparing in-person to tele-mentorship of medical students”. Poster Presentation at 2017 ACGME Annual Educational Conference, Orlando, FL, March 2017.
3. Rodriguez, S., Wang E., Terajewicz A., Brockington D., Cunningham C., Sharek PJ., **Marquez JL.**, Caruso TJ. “A Novel Bed-Mounted Projection System as Effective as Pharmacologic Modalities to Treat Pediatric Preoperative Anxiety.” Poster presentation at Society for Technology in Anesthesia (STA) Annual Meeting, San Diego, CA, Jan 2017.
4. Park CK, Mehta AP, Yin V., Palmerton A., **Marquez JL**, Caruso TJ. “The Development of an Interprofessional Curriculum on Airway Management for Perioperative Nursing.” Poster presentation at Society for Pediatric Anesthesia/American Academy of Pediatrics Section on Anesthesiology and Pain Medicine (SPA/AAP), Ft. Lauderdale, FL, March 2014.
5. Gipp MS, Sharek PJ, Kelleher S., **Marquez JL**, Caruso TJ. “The Development and Implementation of a Standardized, Multidisciplinary ICU to OR Patient Care Handoff.” Poster presentation at Society for Pediatric Anesthesia/American Academy of Pediatrics Section on Anesthesiology and Pain Medicine (SPA/AAP), Ft. Lauderdale, FL, March 2014.
6. Caruso TJ, Duan M., **Marquez JL**, Wu D., Mokharti T., Shaffer J., Groom M., Honkanen A., Sharek PJ. “Implementation of a Standardized Post Anesthetic Care Handoff Improves Outcomes and Efficiency.” Poster presentation at Society for Pediatric Anesthesia/American Academy of Pediatrics Section on Anesthesiology and Pain Medicine (SPA/AAP), Ft. Lauderdale, FL, March 2014.

7. Was A., Furukawa L., **Marquez JL**, Caruso TJ. “Incorporation of a Literature Guided Coaching System into the Draft ACGME Milestones.” Poster presentation at Society for Pediatric Anesthesia/American Academy of Pediatrics Section on Anesthesiology and Pain Medicine (SPA/AAP), Ft. Lauderdale, FL, March 2014.
8. Caruso TJ, Sharek PJ, **Marquez JL**, Wu D., Wang E., Honkanen A. “Creating an Evidence Based Intervention for Improved Handoff Between the Operating Room and Post Anesthetic Care Unit.” Poster presentation at Society for Pediatric Anesthesia/American Academy of Pediatrics Section on Anesthesiology and Pain Medicine (SPA/AAP), Las Vegas, NV, March 2013.
9. **Marquez JL**, Liu H., Hollis M., O’Leary J., Metcalf S., Bravata DM. “An online transparency platform enables preference-appropriate behavior change for consumers on a reference-based pricing benefit plan”. Poster presentation at 34th Annual Meeting of Society for Medical Decision Making, Phoenix, AZ, October 2012. Also presented at Bay Area Clinical Research Symposium, San Francisco, CA, December 2012.

PEER REVIEWED PUBLICATIONS

1. Colletti AA, Wang EY, **Marquez JL**, Caruso TJ. A clinical informatics approach to improving redosing of surgical antimicrobial prophylaxis during pediatric surgery [Accepted].
2. Caruso TJ... **Marquez JL**, ...et al. A Postoperative Care Bundle Reduces Surgical Site Infections in Pediatric Patients Undergoing Cardiac Surgeries. Joint Commission Journal on Quality and Patient Safety 2018; 000: 1-8.
3. Caruso TJ,..., **Marquez JL**,... et al. Pediatric postoperative pulse oximetry monitoring during transport to PACU reduces frequency of hypoxemia. Joint Commission Journal on Quality and Patient Safety 2017; 43 (3):146-150.
4. Caruso TJ,..., **Marquez JL**,... et. al. A Strategic Approach to Implementation of Medical Mentorship Programs. Journal of Graduate Medical Education 2016; 8 (1): 68-73.
5. Caruso, TJ, **Marquez JL**,... et. al. Standardized Preoperative ICU to OR Handoff Increases Face-to-Face Communication Without Delaying Surgery. International Journal of Health Care Quality Assurance 2016; 30 (4): 304-311.
6. Caruso TJ, **Marquez JL**, ...et. al. Implementation of a Standardized Postanesthesia Care Handoff Increases Information Transfer Without Increasing Handoff Duration. Joint Commission Journal on Quality and Patient Safety 2015, 41: 35-42.

7. **Marquez JL**, et al. Cyclic hypobaric hypoxia improves markers of glucose metabolism in men. *High Altitude Medicine & Biology* 2013; 14(3): 263-272.
8. Friedlander AL, Braun B, **Marquez JL**. Making Molehills Out of Molehills: Maintaining High Performance at Altitude. *ACSM Health & Fitness Journal* 2008; 12(6): 15-21.

NON-PEER REVIEWED PUBLICATIONS & REPORTS

1. Google, Mountain View, CA. *New healthcare and population data now available in Google BigQuery*. Marquez JL, Po MJ. May 2017.
2. Castlight Health, San Francisco, CA. *An online transparency platform enables preference-appropriate behavior change for consumers on a reference-based pricing benefit plan*, Marquez JL, Liu H, Hollis M, O'Leary J, Metcalf S, Bravata DM. July 2012.

TEACHING EXPERIENCE

6/2012- 8/2012 **Anatomy Instructor**, Health Careers Opportunity Program, Stanford, CA

- Design curriculum, assignments and exams
- Present lectures to students
- Mentor students
- Collaborate with researchers and physicians to coordinate and deliver innovative, interactive lessons (example: surgery simulation workshops; exercise stress test demonstration)

1/2007- 3/2007 **Teaching Assistant- MED 247 Methods in Community Assessment, Evaluation & Research**, Stanford University, Stanford, CA.

- Design/evaluation of curriculum, assignments and exams.
- Develop educational materials
- Present lecture "Purposeful Sampling Methods" to class

Guest Lecturer (Intermittent)

- University of Michigan Epidemiology 604: Contemporary Methods



STATE OF MICHIGAN
DEPARTMENT OF HEALTH AND HUMAN SERVICES
LANSING

GRETCHEN WHITMER
GOVERNOR

ROBERT GORDON
DIRECTOR

June 19, 2019

Mr. Gregory Dill
County Administrator
220 North Main Street
P.O. Box 8645
Ann Arbor, MI 48107

Dear Mr. Dill:

Thank you for your recent communication requesting the approval of Mr. Juan Marquez to serve as the acting Medical Director for Washtenaw County Health Department, effective June 30, 2019.

After reviewing Mr. Marquez's credentials and based on the requirements of the Michigan Public Health Code (PA 368 of 1978, as amended), I have determined that he meets the requirements to be approved as the acting Medical Director.

If you have any questions or need assistance, please contact Mr. Orlando Todd, Director of the Office of Local Health Services, at (517) 284-4021 or by email at todd@michigan.gov.

Sincerely,

A handwritten signature in black ink, appearing to read "Joneigh S. Khaldun".

Joneigh S. Khaldun MD, MPH, FACEP
Chief Medical Executive
Chief Deputy Director for Health

JK:hm

c: Office of Local Health Services
Juan Marquez