

Eric L. Wan

<https://www.linkedin.com/in/ericleewan>

SUMMARY OF QUALIFICATIONS

- MPH and MBA candidate with more than 4 years' experience in marketing and market access strategy, including service and product positioning, competitive intelligence, pricing, evidence-generation strategy, health economics, and patient-reported outcomes for healthcare providers and industry leaders.
- Thrives in a matrix business environment, as demonstrated by successful Global Market Access internship at Johnson & Johnson's Janssen Pharmaceuticals
- Life-long learner and effective project and team manager, as demonstrated by small business entrepreneurship and prior successful research fellowships.

PROFESSIONAL EXPERIENCE

CHIEF OPERATING OFFICER (volunteer position) | WHOLE SYSTEMS HEALTH CARE

May 2018 – Present | Portland, OR

- Provide leadership for consultants and the Branding and Marketing team including project management, yielding strategies for branding, marketing, pricing, social media, communication, and stakeholder management.
- Be a resource for career development needs of 3 interns and fellows across the organization. Help build business competencies (e.g. presentations, reports, cross-functional teamwork) and analytical skills.
- Provide strategy around board and business development needs, resulting in recruitment of a Chief Strategy Officer and Directors for Social Media and Communication.
- Develop and execute business plan for 3 integrative primary care clinics projected to result in 1,200+ customers in 2019.

GLOBAL MARKET ACCESS INTERN | JANSSEN PHARMACEUTICALS, JOHNSON & JOHNSON FAMILY OF COMPANIES

May 2018 – August 2018 | Raritan, NJ

- Developed pricing strategy for oncology portfolio facing generic entry. Resulted in 2 well-received presentations.
- Developed evidence-generation strategy with real-world evidence (clinical registries). Provides greater clarity about opportunities that support immunology products' value proposition.

ECONOMIC CONSULTANT | PAN AMERICAN HEALTH ORGANIZATION and MINISTRY of HEALTH of COLOMBIA

November 2017 – Present | Washington, DC & Bogotá, Colombia

- Lead team to develop economic models and assess patient reported outcomes in order to demonstrate the value of public health interventions for infectious disease in the Amazon rainforest. Will result in greater value health care delivery in the Amazon region.
- Conducted a month of fieldwork alongside clinical (hospitals) and non-clinical (government, private insurance) colleagues to ensure accurate and reliable data collection.

CLINICAL RESEARCH FELLOW | DEPARTMENT of PLASTIC & RECONSTRUCTIVE SURGERY, JOHNS HOPKINS SCHOOL OF MEDICINE

August 2015 – October 2016 | Baltimore, MD

- Led 11-member international team that conducted economic analyses about discarded open and unused surgical supplies, resulting in increased attention to hospital supply chain management and waste reduction, a first-author peer-reviewed publication, 5 national and local presentations, and national annual savings of \$375M.
- Managed additional 7 studies involving large (n = 2,250) breast reconstruction registry and patient-reported outcomes, multi-department collaborations, and mentoring interns.

CLINICAL RESEARCH FELLOW | DELLON INSTITUTES for PERIPHERAL NERVE SURGERY

August 2015 – August 2016 | Towson, MD

- Managed relationships with key global opinion leaders to strategize on evidence requirements for bringing peripheral nerve innovation to global markets.
- Managed 7 study teams using patient-reported outcomes to demonstrate the success of peripheral nerve surgery in restoring function and eliminating neuropathic pain. Resulted in 4 first-author, peer-reviewed publications; 6 international and national presentations; and a “best paper” national award.

EDUCATION & TRAINING

MASTER of BUSINESS ADMINISTRATION | CAREY BUSINESS SCHOOL, JOHNS HOPKINS UNIVERSITY

August 2017 – Present (anticipated May 2019) | Baltimore, MD

- Vice President for Internal Relations, Out For Business, building relationships across the University. Resulted in 2 career development and diversity events with 60+ attendees. I moderated the panel “Creating an Inclusive Workplace” during Carey’s Diversity & Inclusion Summit, highlighting the importance of total inclusivity and workforce diversity for attracting and retaining talent.
- Relevant coursework: *Pricing, Marketing Strategy, Branding and Marketing Communications, Advanced Behavioral Marketing, Marketing Research, Marketing Management, Data Science and Business Intelligence, Design Leadership.*

MASTER of PUBLIC HEALTH | BLOOMBERG SCHOOL of PUBLIC HEALTH, JOHNS HOPKINS UNIVERSITY

July 2017 – Present (anticipated May 2019) | Baltimore, MD

- Certificate in Public Health Economics, completed in January 2019. Advanced coursework in using health economic analyses and tools to improve population health.
- MPH-MBA Scholarship Award; MPH Field Experience Fund Award (10% of class) to conduct fieldwork in Colombia.
- Founder, Neglected Tropical Disease student group to raise awareness and host career development events including speakers and networking sessions.
- Relevant coursework: *Comparative Health Insurance, Statistical Machine Learning, Health Economics for Managers, Econometrics, Economic Evaluation I and II (including cost-effectiveness modeling), Spatial Analysis I to III (geospatial data manipulation and statistical analysis).*

BACHELOR of SCIENCE in MOLECULAR and CELLULAR BIOLOGY (cum laude) | JOHNS HOPKINS UNIVERSITY

August 2010 – May 2014 | Baltimore, MD

- Competitive 4-year Woodrow Wilson Research Fellowship to study health economics and patient-reported outcomes.

HONORS & AWARDS**THIRD PLACE for BEST POSTER | GLOBAL HEALTH DAY at BLOOMBERG SCHOOL of PUBLIC HEALTH, JOHNS HOPKINS UNIVERSITY**

March 2018 | Baltimore, MD

- Highest award given to an MPH candidate for poster presentation. One of only 3 awards.
- Talero S, **Wan EL**, Padula W, West S. *Program Assessment and Cost Effectiveness Analysis of the National Program for Elimination of Trachoma as a Public Health Problem in Colombia*. Poster presentation. Study qualified and quantified the program's impact on the Amazon population to maintain access to national insurance coverage.

JOINT OUTSTANDING PAPER | AMERICAN ASSOCIATION for HAND SURGERY/AMERICAN SOCIETY for PERIPHERAL NERVE/AMERICAN SOCIETY for RECONSTRUCTIVE MICROSURGERY

January 2016 | Scottsdale, AZ

- Highest award given at the joint annual meeting of 3 surgical societies.
- **Wan EL**, Rosson GD, Dellon AL. *Sensory and Motor Changes Following "Double CRUSH" Decompressions*. Podium presentation.
- Study used multiple patient-reported outcomes to demonstrate effectiveness of novel surgical intervention on restoring nerve function and led to an international multi-center RCT.

BEST POSTER PRESENTATION AWARD for STUDENT CLINICAL RESEARCH | DEPARTMENT of SURGERY, JOHNS HOPKINS SCHOOL OF MEDICINE

April 2014 | Baltimore, MD

- **Wan EL**, Xie L, Barrett M, Baltodano PA, Rivadeneira AF, Noboa J, Silver M, Zhou R, Cho S, Tam T, Yurter A, Gentry C, Palacios J, Rosson GD, Redett RJ. *Global Public Health Impact of Recovered Supplies from Operating Rooms: A Critical Analysis With National Implications*. *World J Surg*. 2014 October 16. DOI: 10.1007/s00268-014-2834-2.
- Study quantified clean, unused surgical supplies from operating rooms and the environmental, economic, and public health impact on society. Recently, the international Organisation for Economic Co-operation and Development highlighted this study's findings in their textbook *Tackling Wasteful Spending on Health*.

ADDITIONAL SKILLS

- Technical proficiencies: marketing and market access strategy, pricing, stakeholder analysis, evidence-generation strategy, systematic review, patient-reported outcomes, economic modeling, IRBs, peer-review, clinical registry management, R, SPSS, Tableau, Java, MS Office.
- Interpersonal skills: excellent communicator with clinical and non-clinical stakeholders, team management, organizational leadership, mentor/coach, design (creative) thinking, virtual teams, able to excel in matrix environment.
- Languages: Chinese (Fluent); Spanish (Professional)

PROFESSIONAL SERVICE, TEACHING & MENTORING

- **Community Health and Research Volunteer** for the Damien House Organization which operates community health programs and clinics for vulnerable individuals in Ecuador. Jan 2014 – Jan 2017.
- **Mentored** thesis of Karen Paredes and Fiorella Apolo (physical therapy students). *Application of the Maitland Manual Technique in Older Adult Patients with Hansen's Disease and the Sequela of Claw Hand at Fundación Padre Damian of Guayaquil from November 2016 to February 2017*. Thesis for License in Physical Therapy. Universidad Católica de Santiago de Guayaquil, Guayaquil, Ecuador. Dec 2016 – Jan 2017.

- **Mentored** summer thesis of Carson F. Woodbury, M.Phil. (medical student at JHU) *Sexual Well-being After Breast Cancer Surgery and Breast Reconstruction: A Systematic Review with Meta-Analysis*. Thesis for the Scholarly Concentration program of the M.D. curriculum at the Johns Hopkins University School of Medicine, Baltimore, MD. Feb 2016 – Nov 2017.
- **Lecturer** *Novel Detection Method for Leprous Neuropathy: Our Experience in Ecuador*. Presimposio Taller de Cirugia y Rehabilitación en Lepra (Pre-Symposium Workshop on Surgery and Rehabilitation in Leprosy). Universidad CES, Medellín, Colombia. May 2015.
- **Reviewer** for *Pathogens and Disease* and *The Lancet* (ad-hoc). 2015 and 2018.

ADDITIONAL PUBLICATIONS

PUBLISHED | SELECT PEER-REVIEWED PUBLICATIONS

As a fellow and team leader, I coordinated all of the following studies' IRBs, patient interviews, data collection, data analyses, and publications.

- **Wan EL, Dellon AL.** *Injury to the Perineal Branch of the Pudendal Nerve in Men: Outcomes from Surgical Resection of the Perineal Branches*. *Microsurgery*. 2017 November 2. DOI 10.1002/micr.30262.
Breakthrough study used 2 patient-reported outcomes to demonstrate that men with intractable chronic perineal/scrotal pain can expect at least 38% pain relief and 33% sexual function improvement by resecting the perineal branch of the pudendal nerve.
- **Wan EL, Goldstein AT, Tolson H, Dellon AL.** *Injury to the Perineal Branch of the Pudendal Nerve in Women: Outcomes from Surgical Resection of the Perineal Branches and Implantation of Proximal End into the Obturator Internus Muscle*. *J Reconstr Microsurg*. 2017 March 4. DOI 10.1055/s-0037-1599130.
Breakthrough study used 3 patient-reported outcomes to demonstrate that women with chronic perineal pain can expect at least 70% pain relief and 68% sexual function improvement by resecting the perineal branch of the pudendal nerve.
- **Wan EL, Noboa J, Baltodano PA, Martinez-Jousin R, Ericson WB, Wilton JP, Rosson GD, Dellon AL.** *Nerve Decompression for Leprous Neuropathy: A Prospective Study from Ecuador*. *Lepr Rev*. 2017 February 2.
Innovative study used 3 patient-reported outcomes and 1 medical device to demonstrate that nerve decompression surgery can improve the sensory function and motor function of patients with leprosy neuropathy by 87% and 100%, respectively. QoL and pain both significantly improved as a result of surgical intervention.
- **Wan EL, Rivadeniera A, Serrano H, Napit I, Garbino JA, Joshua J, Cardona-Castro N, Dellon AL, Theuvenet W.** *Protocol for a Randomized Controlled Trial Investigating Decompression for Leprous Neuropathy (The DELN Protocol)*. *Lepr Rev*. 2016 October 5.
I organized an international meeting of 6 clinical and 2 non-clinical stakeholders during which we developed a protocol for an RCT that would employ several PROs and medical devices to conclusively determine the benefits of nerve decompression for patients with leprosy neuropathy. I also managed the protocol drafting among 8 stakeholders and the submission for funding. This RCT will be able to directly impact clinical treatment of leprosy patients and international public health policy regarding disability programs.
- **Wan EL, Rivadeneira AF, Martinez-Jousin R, Dellon AL.** *Treatment of Peripheral Neuropathy in Leprosy: The case for nerve decompression*. *Plast Reconstr Surg Glob Open*. 2016 March 17. DOI: 10.1097/GOX.0000000000000641
This study laid the foundational evidence and arguments describing the effective application of nerve decompression to treat leprosy patients.