

October, 2007

**CURRICULUM VITAE**

**NAME:** Marielos L. Vega, BSN RN

**HOME ADDRESS:** [REDACTED] Telephone: [REDACTED]

**OFFICE ADDRESS:** 185 South Orange Ave. Telephone: (973) 972-0263  
Medical Science Building B-648  
Newark, N. J. 07103-2757

**DATE/PLACE OF BIRTH:** [REDACTED]; San Jose, Costa Rica

**LANGUAGES SPOKEN:** English and Spanish  
Understanding of spoken Portuguese

**SS#:** [REDACTED]

**1. EDUCATION**

- a. Undergraduate** University of Medicine and Dentistry/Ramapo College/  
Englewood Hospital Joint Program, Mahwah, NJ, BSN (Nursing),  
2/1/1996 – 5/2/2000
- b. Graduate** University of Medicine and Dentistry of New Jersey, School of  
Public Health, Newark, NJ, MPH (Epidemiology and Quantitative  
Methods), 5/3/2003 – 6/3/2005 – Unmatriculated
- c. Graduate** University of Medicine and Dentistry of New Jersey, School of  
Nursing, Newark, NJ, MSN (Clinical Trials), 9/4/2007 – Present

**2. POSTDOCTORAL TRAINING**

- 8. Internship and Residencies**  
None
- b. Research Fellowships**  
None

**3. MILITARY SERVICE: NONE**

**4. LICENSURE:** [REDACTED] – Registered Nurse

**5. CERTIFICATION:** American Translators Association # 233169  
HIPPA Certification  
Collaborative IRB Training Initiative (CITI) – Human Subjects  
Protection, 09/05/07

6. **NARCOTICS CERTIFICATION: NONE**

7. **UNIVERSITY APPOINTMENTS:**

Department of Family Medicine, University of Medicine and Dentistry of New Jersey,  
New Jersey Medical School, Research Nurse, 2/2001 – present

8. **Volunteer Services**

American Red Cross – Disaster Relief Health Services  
Hurricane Rita, Orange County, Texas  
October 1-24, 2005  
Community Health Fairs

UMDNJ-Board of Concerned Citizens Committee member

- Robert Tally Dinner Dance – Scholarships for Medical Students
- Thanksgiving Meals Preparation for Homeless
- Christmas Toy Drive and Distribution for Children at University Hospital

March 2001-Present

9. **HOSPITAL APPOINTMENTS: NONE**

10. **OTHER PROFESSIONAL POSITIONS AND MAJOR VISITING APPOINTMENTS:**

Nursing Assistant, Englewood Hospital and Medical Center, Medical Surgical Unit,  
Englewood, NJ, 1999

Research Assistant, UMDNJ – School of Nursing, Newark, NJ, 1999 -2001

11. **AWARDS AND HONORS:**

Omicron Delta Kappa Society, 1998

Who's Who Among Students in American Colleges & Universities, 1998

All-American Scholar, 1997

The National Dean List, 1995

Edward and Stella Van Houten Memorial Trust Nursing Scholarship, 1997

Excellence Award, UMDNJ-Board of Concern Citizens, 2002

Outstanding Commitment to the Health and Well-being of the Latino Community Award.

Hispanic Heritage Month, 2004

Rising Star in Cancer Research – National Hispanic Cancer Research Network, 2005

Student Award Prize from the American Public Health Association Epidemiology  
Section, 2005

12. **MEMBERSHIP ON BOARDS:**

2003 Newark Health Renaissance, Committee Member

2005-2006 Minority Nurse Leadership Institute Fellow, Rutgers University

2002-2004 Leadership Newark Fellow, Leadership Newark, Inc.

2003 Northeast Redes en Acción Board Member

2003 UMDNJ-University Hospital Cancer Center Public Education Program  
Committee Member

2003 American Translators Association Associate Member

2003 NJ Colorectal Cancer Workgroup Member

- 2002 Research Training: Developing Nurse Scientists / Institute of Nursing Research/NIH
- 2001 UMDNJ Board of Concern Citizens Board Member
- 2004 American Cancer Society Relay for Life of Newark Cancer Control Committee Chair
- 2004 Chair, Essex County Cancer Coalition – Education/Outreach/Research Committee
- 2005 UMDNJ-Affirmative Action Advisory Council-Newark Campus
- 2007 Chair, Health Committee for the University Heights Super-neighborhood
- 2007-2008 U.S. Food and Drug Administration (FDA)- Risk Communication Advisory Committee

**13. MAJOR TEACHING EXPERIENCE:**

University of Medicine and Dentistry of New Jersey, Department of Family Medicine, New Jersey Medical School, Summer Research Programs for Medical Students, Newark, NJ 2002-Present

Research Mentor – School of Public Health, Newark Campus, field work students – 2003-Present

Research Mentor – Department of Family Medicine Residency Program – St. Mary’s Hospital, Hoboken, NJ, 2002-Present

Physician’s Core – Cultural Dynamics in Medicine Group Facilitator, March 2007-April 2007.

**14. PRINCIPAL CLINICAL AND HOSPITAL SERVICE RESPONSIBILITIES: NONE**

**15. MAJOR RESEARCH INTERESTS:**

- Colorectal Cancer Screening and Prevention among Minority Population
- Hispanic/Latino Cancer Disparities
- Domestic Violence
- Chronic Disease Management (Registries)

**16. GRANT HISTORY:**

Vega (PI) 6/06/2004 & 6/06/2005

UMD- New Jersey Medical School, Office of Research and Sponsored Programs, NCI Cancer Program for Medical Students. “Colorectal Cancer Screening and Surveillance among Minority Populations in Urban Primary Care Settings.” *Purpose:* The purpose of this study is to evaluate the proportion of men & women at average risk for developing colorectal cancer (CRC) that are current with screening at 3 primary care settings. Also, we will evaluate to what extent primary care physicians in these settings recommend CRC screening& the screening modalities.

Vega (PI)

6/06/2005

UMD- New Jersey Medical School, Office of Research and Sponsored Programs, NCI Cancer Program for Medical Students. "An Evaluation of Cancer Educational Materials, with a on Those Currently Distributed by Health Departments in New Jersey". *Purpose:* To determine the cancer educational literature (lung, oral, cervical, breast, prostate and colorectal) that is currently available, with a particular focus on that being distributed, in the state of New Jersey through Health and Public Health Departments. To evaluate readability, content (risk factors, type, warning signs, symptoms, location, clinical examination, self examinations, prevention, early detection, morbidity and mortality, treatment) and, cultural sensitivity of these literature, and to suggest changes in these extant materials, as appropriate, to improve information dissemination.

Chen (PI)

6/06/2005

UMD- New Jersey Medical School, Office of Research and Sponsored Programs. "Comparison of primary care costs between victims of intimate partner violence & non-victims" *Purpose:* The project involves patient chart reviews and abstraction of billing data from computerized databases throughout the campus, data entry and analysis, and presentation of preliminary findings at the end of the summer research session. This study may demonstrate the need for routine screening for intimate partner violence.  
Role: Co-Investigator

G0425

Chen (PI)

7/01/2004-6/30/2005

American Academy of Family Physicians Foundation (AAFP/F)

"Domestic violence in family practice settings: A comparison of 3 screening protocols."

*Purpose:* To assess the use of screening tools administered in different ways to practice settings.  
Role in project: Co-Investigator

Chen (PI)

7/01/2004-6/30/2005

UMDNJ Foundation and NJMS Department of Family Medicine

"Domestic violence in family practice settings: A comparison of 3 screening protocols."

*Purpose:* To assess the use of screening tools administered in different ways to clarify the logistics of how best to implement screening in family practice settings.

Role in project: Co- Investigator

02358

Natale-Pereira (PI)

10/04/2004-09/30/2006

Center for Medicare and Medicaid Services

"Assessing colorectal cancer knowledge and improving screening rates in the City of Newark."

*Purpose:* The goals of this project are to assess the colorectal cancer knowledge of the minority population of the City of Newark, and develop a comprehensive CRC educational module to be used by community leaders as an educational tool that will facilitate the dissemination of colorectal cancer information, enhance awareness and education, and increase screening rates.

Role: Co- Principal Investigator

U01-CA86117-03

Johnson (PI)

9/01/2003-7/31/2004.

National Cancer Institute (subcontract from Baylor University)

"Barriers to Colorectal Cancer Screening Among Hispanics."

*Purpose:* To improve colorectal cancer screening among Hispanics by identifying socio-cultural barriers and by facilitating access to fecal occult blood testing screening tests.

Role: Co- Principal Investigator

U01-CA86117-03                  Natale-Pereira (PI)      9/01/2002-7/31/2003  
National Cancer Institute (subcontract from Baylor University)  
“Improving Colorectal Cancer Screening Among Hispanics/Latinos”  
*Purpose:* To evaluate an educational intervention for colorectal cancer that will be culturally and linguistically appropriate and to evaluate the efficacy of the intervention in increasing screening rates.  
Role: Co-Investigator

1K07CA101780-01A1              Ferrante (PI)                  9/01/2006-9/01/2009  
National Cancer Institute  
“Breast and Cervical Cancer Screening in Obese Women”  
*Purpose:* This project will better quantify the magnitude and the relationship of delayed screening and obesity with other patient characteristics, such as race/ethnicity and comorbidity. We will then use focus groups to further explore patient barriers, and in-depth interviews and surveys to identify physician barriers to breast and cervical cancer screening in obese women. Finally, we will design an intervention and develop materials that are culturally, linguistically, and literacy sensitive, and we will conduct focus groups with patients and physicians to evaluate these materials.  
Role: Co-Investigator

G0705                  Chen (PI)    6/01/2007-5/31/2008  
American Academy of Family Physicians Foundation (AAFP/F)  
“Cost –effectiveness of intimate partner violence and intervention in primary care settings.”  
*Purpose:* To evaluate the cost effectiveness of intimate partner violence screening and intervention in primary care settings.  
Role in project: Co-Investigator

17.      **MAJOR ADMINISTRATIVE RESPONSIBILITIES:** NONE

18.      **PRIVATE PRACTICE:** NONE

19.      **PUBLICATIONS**

Chen P-H, Rovi S, Vega M, Jacobs A, Johnson MS. “Screening for domestic violence in predominantly Hispanic clinical settings,” *Family Practice*, eprint, pp.1-7. doi:10.1093/famp/cmi075, 2005.

Chen P-H, Rovi S, Vega M, Jacobs A, Johnson MS. “Relation of domestic violence to physical and mental health among Hispanic women,” *Journal of Health Care for the Poor and Underserved*. In press.

Chen P-H, Rovi S, Washington J, Jacobs A, Vega M, Johnson MS. “Randomized comparison of 3 methods to screen for domestic violence in family practice,” *Annals of Family Medicine*. In press.

Natale-Pereira A, Marks J, Vega ML, Mouzon D, Hudson SV, Salas-Lopez D. Barriers and Facilitators for Colorectal Cancer Screening Practices in the Latino Community: Perspectives from Community Leaders,” *Cancer Control: Journal of the Moffitt Cancer Center*. In press.

## 20. ABSTRACTS

Chen, P-H, Rovi, R., **Vega, M.**, Jacobs, A. and Johnson M.S. "Screening for domestic violence in primary care settings." North American Primary Care Research Group - 2002 "Building Research Capacity": New Orleans LA, p153, 2002 (abstract).

Natale-Pereira A, Salas-Lopez D, DeCosimo DR, **Vega ML**, Johnson MS. "Improving Colorectal Cancer Screening Among Hispanic/Latinos".

- 2003 Annual Retreat on Cancer Research in New Jersey, June 11, 2003. New Brunswick, NJ.
- 31<sup>st</sup> North American Primary Care Research Group, October 26, 2003 Fairmont Banff Springs Banff, Alberta. [PS109- Page 127].

Chen, P-H, Rovi, S., **Vega, M.**, Jacobs, A., Johnson, M.S. "Health Status Differences Between Victims of Domestic Violence and Non-Victims in Primary Care Settings." National Centers of Excellence in Women's Health, Second National Forum, Vienna VA, May 2003.

**Vega M**, Johnson MS, Chen P-H, Rovi S, Ferrante J, Natale-Pereira A. "Understanding Barriers to CRC screening among Hispanics, " North American Primary Care Research Group - 2004, Orlando, Florida - "Making a Difference in Research and Clinical Practice": p151, 2004 (abstract).

**Vega M**, Johnson MS, Chen P-H, Rovi S, Ferrante J, Natale-Pereira A. "Colorectal Cancer Screening and Surveillance Practices among minority populations in Urban Settings." " North American Primary Care Research Group - 2004, Orlando, Florida - "Making a Difference in Research and Clinical Practice": p150, 2004 (abstract).

**Vega M**, Johnson MS, Chen P-H, Rovi S, Ferrante J, Natale-Pereira A. "Colorectal Cancer Screening and Surveillance Practices among minority populations in Urban Settings." **April 9<sup>th</sup> through April 15<sup>th</sup>, 2005** – "The Annual Community Health Week: A Commitment to Service, Education, and Research". The Mount Sinai School of Medicine.(abstract).

**Marielos Vega, BSN, RN**; Jeanne Ferrante, MD; Ping-Hsin Chen, PhD; Sue Rovi, PhD; Ana Natale-Pereira, MD; Mark S. Johnson, MD, MPH . "Colorectal Cancer Screening in Two Family Medicine Practices: A Retrospective Review" – Atlantic City - May 20-22, 2005. (abstract).

Chen P-H, Rovi S, Washington J, **Vega M**, Jacobs A, Johnson MS. "Domestic Violence in Urban Family Medicine Settings: A Comparison of Three Screening Administration Protocols." North American Primary Care Research Group 2004 - "Making a Difference in Research and Clinical Practice": p155, 2004 (abstract).

Ana Natale-Pereira; **Marielos L. Vega**; Jonnie Marks; Debbie Salas-Lopez; Mark S. Johnson. "Factors that Influence Colorectal Cancer Screening Practice in the Latino Community". National Medical Hispanic Association – **April 2, 2005**. Los Angeles & **April 9<sup>th</sup> through April 15<sup>th</sup>, 2005** – The Annual Community Health Week: A Commitment to Service, Education, and Research. The Mount Sinai School of Medicine

(abstracts).

Ferrante J., **Vega ML**, Chen PH, Scott J. "Guidelines for Chart Reviews" North American Primary Care Research Group 2004 – "Making a Difference in Research and Clinical Practice": p113, 2004 (abstract).

**Marielos L. Vega**; Stanley H. Weiss; Ping-Hsin Chen; Jeanne Ferrante; Ana Natale-Pereira; Sue Rovi; Steven K. Keller; Mark S. Johnson. "Addressing cancer disparities in minority (Hispanic/Latino) communities". American Public Health Association, 133<sup>rd</sup> Annual Meeting & Exposition. December 12, 2005. Philadelphia, PA. (#121954).

**Marielos L. Vega**; Stanley H. Weiss; Ping-Hsin Chen; Jeanne Ferrante; Ana Natale-Pereira; Sue Rovi; Mark S. Johnson. "Colorectal Cancer Screening Surveillance among Hispanics in the US: Current National Data is Likely an Over-Estimate". American Public Health Association, 133<sup>rd</sup> Annual Meeting & Exposition. December 12, 2005. Philadelphia, PA. (#118374).

Ping-Hsin Chen, PhD; Sue Rovi; Judy Washington; Abbie Jacobs; **Marielos Vega**; Mark S. Johnson. "Screening for Domestic Violence: Self-Report versus Healthcare Provider Interview", North American Primary Care Research Group 2005. Quebec, Canada.

Debbie Salas-Lopez, MD, MPH; Dawne Mouzon; Vincent Barba; Ana Natale-Pereira; Lissette Jimenez; **Marielos Vega** "Using Volunteer Bilingual Hospital Employees as Dual-Role Medical Interpreters". North American Primary Care Research Group 2006. Tucson, Arizona (#PS326)

Ping-Hsin Chen, PhD; Sue Rovi; Judy Washington; Abbie Jacobs; **Marielos Vega**; Mark S. Johnson. "Cost-Effectiveness of Domestic Violence Screening in Primary Care Settings". North American Primary Care Research Group 2006. Tucson, Arizona (#OO5)

Ana Natale-Pereira, MD, MPH, **Marielos Vega, RN**, Dawne M. Mouzon, MPH, Debbie Salas-Lopez, MD, MPH, and Carmen McLaughlin, MPH. "A community collaboration to improve colorectal cancer screening and education for older minorities in the city of Newark, New Jersey". American Health Association, November 6, 2006. Boston, MA. (#5155.0)

Punam J. Parikh, MPH, **Marielos Vega, RN**, Patricia Pinto, BA, Azadeh Tasslimi, BA, Daniel M. Rosenblum, PhD, Jeanne Ferrante, MD, and Stanley H. Weiss, MD. "Cultural sensitivity & reading level assessment of cancer education materials." American Health Association, November 6, 2006. Boston, MA. (#American Health Association, November 6, 2006. Boston, MA. (#3105.0)

Parikh, P., **M. Vega**, P. Pinto, D. Rosenblum, J. Ferrante, B. Luke, and S.H. Weiss. "Cancer Education Materials Distributed by New Jersey Health Departments do not Meet the Needs of Many Residents" The 2007 Annual Retreat on Cancer Research in New Jersey, Piscataway, NJ. May 2007

Sue Rovi, PhD; Ping-Hsin Chen; **Marielos Vega**; Chantal Brazeau; Mark Johnson. "Have We Thrown the Baby out With the Bath Water? Taking Another Look at the Evidence on

*Screening for Domestic Violence*". North American Primary Care Research Conference. October 2007. Vancouver, British Columbia. (#PS188)

Ping-Hsin Chen, PhD; Sue Rovi; **Marielos Vega**; Judy Washington; Abbie Jacobs; Mark S Johnson. "*Health Problems and Medical Care Utilization for Women Who Screened Positive for Domestic Violence in Primary Care*". North American Primary Care Research Conference. October 2007. Vancouver, British Columbia. (#PS204)

Mark Johnson, MD, MPH; Sue Rovi; Marielos Vega. "*The Role of Research Directors in Departments of Family Medicine - Remix 2007*". North American Primary Care Research Conference. October 2007. Vancouver, British Columbia. (#WK18)

Sandra Echeverria, PhD; Oliver Lontok; Pamela Ohman-Strickland; Shawna Hudson; Marielos Vega; Kitaw Demissie; Benjamin Crabtree. "*Practice-level Factors Influencing Cancer Screening Services*". North American Primary Care Research Conference. October 2007. Vancouver, British Columbia. (#PS326)

Ping-Hsin Chen, PhD; Sue Rovi; **Marielos Vega**; Caryl J. Heaton; Cyril Varghese; Sheetal Gandhi; Mark S Johnson. "*Association of domestic violence to cervical, breast, and colorectal cancer screening*". STFM Annual Spring Conference, April 30 - May 4, 2008 in Baltimore, MD

## 21. PRESENTATIONS:

1. *Improving Colorectal Cancer Screening Among Hispanics*, Redes en Acción National Steering Committee Meeting, August 14, 2003. San Antonio, TX
2. *Colorectal Cancer PREVENTABLE: Knowledge and Screening Needed to Save Lives*, NJ CEED Coalition Meeting, September 11, 2003. Montclair, NJ
3. *Barriers to Colorectal Cancer Screening Among Hispanics*, Redes en Acción-Northeast Regional Network Meeting, November 25, 2003. New York, NY.
4. *Developing a Summer Research Program for Medical Students*. J. Ferrante, S. Rovi, C. Brazeau, M. Vega, P. Chen, L. Boyd UMDNJ-New Jersey Medical School
5. *Community Outreach-Un-locking the Doors*, June 18, 2004 – New Jersey Medical School – SHARE Orientation, Newark, NJ
6. *Update in Colorectal Cancer: Current Concepts in Screening and Treatment*, September 2004, New Jersey Medical School, Newark, NJ
7. *Language as a Barrier to Colorectal Cancer Screening with Fecal Occult Blood Testing*, October 29, 2005, New Jersey Medical School, Cancer Center, Newark, NJ
8. *Guidelines to Conduct Chart Reviews*, October 11, 2004, North American Primary Care Research Conference, Orlando, FL
9. *Socio-Cultural Barriers to Colorectal Cancer Screening Among Hispanics*, March 15, 2005, Redes en Acción-Northeast Regional Network Meeting, Brooklyn, NY
10. *Colorectal Cancer Awareness – What You Need to Know*, March 22, 2005, New Jersey Medical School, Newark, NJ
11. *An Evaluation of Cancer Education Materials Currently Distributed by Health Departments in New Jersey*, September 8, 2005, Essex County Cancer Coalition, Verona, NJ.
12. *Colorectal Cancer Awareness*, September 27, 2005. New Jersey Board of Public Utilities. Newark, NJ.
13. "*Assessing Colorectal Cancer Knowledge and improving screening rates, among older minorities of the City of Newark*". Hampton University. Hampton, Virginia. September



- 2005.
14. **Radio Talk Show:** “Colorectal Cancer Screening among Hispanics”. Radio Vision Cristiana Inc, Paterson, NJ. June 15, 2005
  15. “A Community Collaboration to improve colorectal cancer screening and education for older minorities in the city of Newark”. American Public Health Association. Boston, MA. November 2006.
  16. **Television Talk Show:** “Health Disparities among Minorities in Newark City” Cable Vision, Newark, NJ. May 2006
  17. “A Community-Based Participatory Approach to Assess Colorectal Cancer Knowledge in the City of Newark”. UMDNJ- School of Public Health, Newark, NJ. December 2006.
  18. *Metabolic Syndrome Management/Surveillance in Primary Care through the Use of Disease Registry*, January 12, 2007. New Jersey Medical School, Newark, NJ.
  19. *Cancer Screening Among Hispanics*, January 15, 2007. Family Medicine Residency Program, Hoboken, NJ
  20. *Colorectal Cancer Awareness among Older Adults*, March 15, 2007. Belleville Day Care Center, Belleville, NJ
  21. “Improving Colorectal Cancer Screening Rates among Older Minorities in the City of Newark: Community-Based Participatory Research Project”. UMDNJ-School of Public Health, Newark, NJ. April 2007.
  22. “Health Disparities in Newark, NJ” University Heights Coalition Meeting, Newark, NJ. May 2<sup>nd</sup>, 2007.
  23. “Helping Family Physicians Increase Colorectal Cancer Screenings in their Practice”. Wyndham Forrester Hotel and Conference Center, Plainsboro, NJ. October 20, 2007
  24. “Overcoming Communication Barriers in the Care of Diverse Patient Populations” UMDNJ - Newark Campus Language, culture and health literacy in primary care. October 19, 2007

## 22. RESEARCH SKILLS

NIH and Foundations Grant Writing Skills, concept idea development (*e.g., literature reviews to gain insight into concept idea to determine work done in subject*), budget development (*e.g., PHS-398, SF 424A*), electronic grant submission (*grants.gov*), grant management, Institutional Review Board (IRB) (*e.g., application, informed consents, recruitment materials – English and Spanish*), quality assurance, project staff training and supervision, participant recruitment (*multicultural*), project implementation, progress reports, data collection instrument development/pilot-testing, development of presentations, abstracts, and manuscripts

### Other skills

- EndNote: Software tool for publishing and managing bibliographies
- Atlas Ti: workbench for the qualitative analysis
- Transcription of qualitative data
- Translation of English documents into Spanish or vice versa
- Microsoft Office software
- Qualitative skills (*e.g., focus groups, in-depth interviews, participant observation, data analysis*)
- Fluent in English and Spanish (*e.g., writing, speaking*)
- Chronic Disease Electronic Disease Management Registry
- Electronic medical records and paper chart records (*e.g., auditing*)