

## Education

**PhD** University of Maryland Baltimore County.  
*Public Policy, Health Specialty.*



**MS** University of Maryland Baltimore County.  
*Emergency Health Services: Epidemiology & Preventive Medicine.*



**BS** University of South Alabama.  
*Interdisciplinary Studies, Biomedical Sciences, Biology, Psychology and  
Emergency Medical Services.*  
Anáhuac University School of Medicine.  
*Basic Science Curriculum.*



## Post-Graduate Education and Training

**John F. Finklea Fellowship.** Johns Hopkins University, Center for Injury  
Research & Policy Summer Institute.



## Certifications

- Using non-experimental Designs for Impact Evaluation, GWU Evaluator's Institute
- Paramedic, University of South Alabama
- BLS/ALS, American Safety & Health Institute
- International Trauma Life Support, Advanced Provider
- Pediatric Education for Prehospital Professionals
- Incident Command System 100-800
- Type III Incident Command Team O-305
- ICS All-Hazards Liaison Officer (L0956)
- Hazardous Materials for Medical Personnel.
- Radiological Emergency Management.
- Emergency Response to Terrorism
- Principles of Emergency Management
- Serving the Diverse Community, American Red Cross
- Disaster Health Services, American Red Cross
- Shelter Operations, American Red Cross

## Employment History

### **Region V Administrator**

Maryland Institute for Emergency Medical Services Systems (MIEMSS). 2018  
- to present. Full-time

- Administer the regional prehospital, trauma and specialty care, emergency preparedness program and the regional EMS base station designation program.
- Advise EMS operational programs (EMSOPs) on quality management measures, develop initiatives to improve services and direct research protocols.
- Assist in the development of EMS specialty services, EMS training, and management of grants for EMSOPs.
- Coordinate with partner agencies in the National Capital Region (NCR) and the Metropolitan Washington Council of Governments (COG).

### **Adjunct Assistant Professor**

University of Maryland School of Medicine, Department of Epidemiology & Public Health. 2011 - 2014; 2018 - present. Part-time

- Teach the “Leadership in Public Health” course and the “US healthcare system, administration and policy” course to medical, pharmacy, nursing, paramedic and allied health students in the Epidemiology and Public Health, Master of Public Health program.

### **Quality Improvement (QI) Specialist**

CareFirst BlueCross BlueShield. 2017 - 2018. Full-time

- Collected and used clinical quality metrics data to implement quality improvement interventions throughout the organization.
- Ensured the organization met regulatory and accreditation requirements related to behavioral health, networks management and credentialing.
- Reported on mandated quality assessments, lead quality improvement teams and collaborated with delegated/contracted partners to assure alignment with plan and regulatory standards.
- Subject matter expert on Healthcare Effectiveness Data and Information Set (HEDIS) Technical Specifications and NCQA Accreditation Standards for health plans.

### **Associate Director**

University of Maryland, Baltimore County, Health Administration and Policy Program (HAPP). 2011 - 2017. Full-time

- Taught courses in health systems, global health, emergency preparedness, community & public health, research methods, and served as the academic coordinator for field internships and practicums.
- Served as the scheduling coordinator, monitored adjunct faculty and provided administrative support.
- As an academic adviser, provided over 390 hours of academic support to more than 1300 students with at least 90% student satisfaction and mentored scholars in their research pursuits.
- Developed clinical affiliation and academic articulation agreements, lead academic review program report, managed program efficiency using data analytics and business dashboards and oversaw compliance of programmatic and institutional regulations.
- Supervised two employees, an academic adviser and a program manager.

### **Research Analyst III**

Optimal Solutions Group. Health Policy Research Center & Workforce Development Research Center. 2009 - 2011. Full-time

- Lead a research protocol related to employment options for low-skilled workers in Baltimore and coordinated a roundtable forum to discuss the results of this evaluation among Maryland state government agencies, community colleges, businesses and industries.
- Lead the evaluation of the Strong Fathers/Strong Families (SF/SF) program's effectiveness, including an analysis of Economic Stability (ES), Healthy Relationships (HR) and Responsible Parenting (RP).
- Part of the analytical team that managed Fraud, Waste and Abuse data for the Centers for Medicare and Medicaid.
- Developed health plan quality measures, reviewed standardized language and quantitative scoring models for the Medicare Advantage Quality Improvement and Chronic Care Improvement Programs (QIPs and CCIPs).

### **Research Assistant**

University of Maryland Baltimore County, Public Policy Department. 2006 - 2009. Full-time

- Health services research on social security and urban studies. Collaborated in the design of research studies focused on three core areas, including injury prevention and control, urban health, long-term

healthcare, and presenting results in peer-reviewed publications and conferences.

### **Emergency Preparedness Specialist**

Maryland Department of Disabilities. Office of Emergency Preparedness Policy. 2004 - 2005. Full-time

- Collaborated in the design and delivery of statewide conferences on emergency preparedness and response for individuals with disabilities, created informational brochures on all-inclusive emergency preparedness for the Department, represented the MDOD in the Maryland Emergency Operations Center as part of ESF-8, supported efforts on Departmental policies for individuals with disabilities at the local and State level.

### **Research Assistant**

University of Maryland Baltimore County, Emergency Medical Services Department, Graduate Program. 2002 - 2004. Full-time

- Supported academic and research support on public health preparedness, emergency response, emergency planning.
- Helped create and deliver emergency preparedness training sessions for the Disaster Medical Assistance Teams (DMATs).

### **Emergency Medical Services Department Head**

Dalinde Medical Center. México. 2001- 2002. Full-time

- Coordinated all prehospital emergency services, oversaw a team of emergency physicians, nurses and paramedics, and ensured physical resources, equipment, vehicles, training equipment, medical devices and equipment.
- Served as Dalinde Medical Center Prehospital Services Department Paramedic Training Program Director, and lead efforts to train hospital personnel on emergency and disaster preparedness, medical evacuation, mass casualty and disaster planning.
- Member of the internal committees for medical ethics and continuing medical education.
- Modified 12–24-hour clinical shifts, scheduled clinical service with the emergency department, prehospital emergency care service, the mobile intensive care unit and the pediatric and neonatal intensive care units.
- Supervised twelve staff members.

### **Emergency Medical Technician**

Newman's Emergency Services. 2000. Full-time

- Provided emergency and non-emergency care, inter-facility transports between hospitals, nursing care facilities, long-term care residential

care facilities, dialysis facilities, physician's offices and other medical care facilities.

### **Instructor Specialist & Disaster Technician**

American Red Cross Gulf Coast Area Chapter. 1998 - 2000. Part-time

American Red Cross, Disaster Services. 1998 - 2000. Part-time

- Provided lay rescuer CPR, CPR for healthcare professionals, first aid training, workplace safety training, first responder training, lifeguard training, and disaster services training.
- Responsible for class and student management, reporting and evaluation, as well as continuing education.
- Served as shelter coordinator for the ARC Gulf Coast Area Chapter during Hurricane Georges and managed an emergency shelter for 36 hours.

## Professional Leadership Activities

### Editorial Activities

- Critical Care Innovations Journal, **Scientific Council**, 2019 to present.
- Medicine, **Academic Editor**. 2014 to present.
- Pan American Journal of Public Health, **Reviewer**. 2007 to present.
- Emergency Medicine Journal, **Reviewer**. 2007 to present.
- Journal of Emergency Management, **Reviewer**, 2011 to present.
- Injury Prevention, **Reviewer**, 2020 to present.

### Professional Societies & Organizations

- AcademyHealth, **regular member**. 2011 to present
- Mexican Red Cross, Tijuana Chapter. **Health Systems Adviser**. 2020 to present.

### Honors and Awards

**Emerging Scholars Award**. Welfare Research and Evaluation Conference. 2010.

**1<sup>st</sup> place scientific presentation**, VI International PHTLS Conference Mexican Chapter. 2007.

**Graduate Research Assistantship**. University of Maryland Baltimore County. 2002-2004 & 2006-2009.

**Outstanding Service Award**. American Red Cross. 1999

**Alpha Theta Chi**, Fellowship and Full Honors for Outstanding Academic Achievement and Leadership. 1999.

## Clinical Activities

- **Newman's Emergency Medical Services. June 1999-July 2000**  
Provided basic and advanced life support to an average of 60 patients per month, on a 24-hour shift schedule and an average of 72 hours per week.
- **American Medical Response (AMR). June 1999-November 1999**  
Provided basic life support to an average of 40 patients per month on an 8-hour shift and an average of 24 hours per week.
- **Dalinde Medical Center. April 2001-July 2002**  
Provided advanced life support/critical care services to the institutional population and affiliated members. Coordinated clinical rotations for paramedic and medical students, developed clinical protocols for prehospital, medical and nursing personnel.
- **Mexican Red Cross. March 1990-July 1997**  
Over 3,000 hours of basic and advanced life support emergency medical services, both pre-hospital and emergency room care.

## Administrative Activities

### Institutional Committees & Organizations

- Member, **MPH Curriculum Committee**, University of Maryland School of Medicine, Fall 2020 – present.
- Co-Chair, **Council of Governments EMS Subcommittee**, 2020-present.
- Member, **National Alliance on Mental Illness Maryland, NAMIWalks Steering Committee**, 2019-2021.
- Member, **MIEMSS Research Interest Group (RIG)**, 2018-Present
- Lead, **EMS Plan Research Committee**, MIEMSS, 2019.
- Member, **Credentialing Advisory Committee**, CareFirst. 2017-2018.
- Lead, **Delegation Oversight Committee**, CareFirst, 2017-2018.
- Member, **Undergraduate Research Award Committee**, UMBC. 2013-2017.

- Member, **Scheduling Coordinator Committee**, UMBC. 2012 – 2014.
- Reader, **Field & Comprehensive Examination**, Doctoral program in Public Policy, UMBC. 2012, 2013, 2015.
- **Global Brigades**, UMBC Chapter, Faculty Adviser. 2012 to 2017.

## Teaching Activities

### Undergraduate, UMBC

- Global Health (Hybrid)
- Community & Public Health (Hybrid)
- Public Health Preparedness (Hybrid)
- Research Methods (Regular)
- Survey of the U.S. Healthcare System (In-Person & Hybrid)
- Field Internship/Practicum
- Professional Development Seminar (In-Person & Online)

### Graduate, UMB

- Public Health and Healthcare Systems and Policy (In-Person & Online)
- Leadership in Public Health (In-Person & Online)

## Professional Mentoring & Advising

**Jesse Roberts**, McNair Scholar. “Language Barriers in Healthcare”. 2015  
**Danielle Haskin**, McNair Scholar. “Community Paramedicine”. 2015  
**Kelsey Donnellan**, Faculty Adviser, INDS Program. 2014  
**Kelsey Donnellan**, McNair Scholar. “Food Deserts & Community Gardens”. 2013  
**Global Brigades**, UMBC Chapter. Faculty Adviser. 2012-2017

## Grant Support

- “Child Mortality from Motor-Vehicle Injuries in the United States”. Graduate Student Association Research Grant, 2010. P.I., 100%. \$1,000.00.
- “Disaster Policies in the United States”. Graduate Student Association Research Grant, 2009. P.I., 100%. \$1,000.00.
- “EMS in Mexico”. Graduate Student Association Research Grant, 2008. P.I., 100%. \$500.00.

## Publications

### In process

- Pinet-Peralta LM**, Gloss L, Lichenstein R, Leszczynski P, Chandir RD, Vesselinov R. *U.S. trends in behavioral health care services in the out-of-hospital setting.*
- Chizmar T, Millin M, Touzeau C, Stone R, **Pinet-Peralta LM**, Vesselinov R, Deutsch N, Sidik M. *Epinephrine dose in cardiac arrest and Cerebral Perfusion Categories (CPC) after discharge.*
- Pinet-Peralta LM**, Cantera J, Duppins N. *Out-Of-Hospital Patient Care Reports and Patient Safety.*
- Pinet-Peralta LM**, Crowe R, Olvera D, Castillo J, Fuentes EJ, Yang H, Page D. *Proficiency expectations in the paramedic international registry exam: A US and Latin-America comparison.*

### Peer-reviewed journal articles

- Pinet-Peralta LM**, Glos LJ, Sanna E, Frankel B, Lindqvist E. *EMS utilization predictors in a Mobile Integrated Health (MIH) program.* BMC Med Inform Decis Mak. 2021 Feb 4;21(1):40. <https://dx.doi.org/10.1186%2Fs12911-021-01409-w>
- Glos, L., **Pinet-Peralta, L.M.** The influence of institutional factors on patient-provider communications and interactions in the U.S. healthcare system. *J Public Health (Berl.)* 2021. <https://doi.org/10.1007/s10389-020-01426-5>
- Matthew J. Levy, Eli Kein, Timothy P. Chizmar, **Luis M. Pinet-Peralta**, Teferra Alemaheyu, Mustafa M. Sidik & Theodore R. Delbridge (2020): *Correlation Between Emergency Medical Services Suspected COVID-19 Patients and Daily Hospitalizations, Prehospital Emergency Care,* <https://doi.org/10.1080/10903127.2020.1864074>
- Sosnowska-Mlak O, Curt N, **Pinet-Peralta LM.** *Survival of sudden cardiac arrest in the emergency room: A case-control study.* Crit. Care Innov. 2019; 2(3):1-10. [https://www.irdim.net/cci/2\(3\)1-10.html](https://www.irdim.net/cci/2(3)1-10.html)
- Bakalarski P, Klepacka M, Sowka K, Bojko I, Glowala D, Bodecot B, **Pinet-Peralta LM.** *Cadaver as a didactic tool for auscultating lung sounds.* Crit. Care Innov. 2019; 2(3): 11-18. [https://www.irdim.net/cci/2\(3\)11-18.html](https://www.irdim.net/cci/2(3)11-18.html)
- Sobolewska P, **Pinet-Peralta, LM.** *Use of the educational mobile applications by emergency medical services personnel.* Crit. Care Innov. 2019;2(2):25-31. [https://www.irdim.net/cci/2\(2\)25-31.html](https://www.irdim.net/cci/2(2)25-31.html)
- Pinet-Peralta LM.** *The effects of primary prevention policies on mortality from motor-vehicle crashes among children in the US.* J. Saf. Res. 2018;66:89-93. <https://doi.org/10.1016/j.jsr.2018.06.006>



- Miller NA, **Pinet-Peralta LM**, Elder KT. *A Profile of Middle-Aged and Older Adults Admitted to Nursing Homes: 2000-2008*. J. Aging Soc. Policy. 2012;24(3):271-90.  
<https://doi.org/10.1080/08959420.2012.684528>
- Pinet-Peralta LM**, Bissell RA, Hein K, Prakash D. *Emergency Management Policies and Natural Hazards in the United States: A State-Level Analysis*. JEM. 2011;March/April: 27-38.  
<https://doi.org/10.5055/jem.2011.0051>
- Juan Manuel Fraga-Sastrias, Enrique Asensio-Lafuente, Fernando Roman-Morales, **Luis Mauricio Pinet-Peralta**, Julio Prieto-Salgado, Anette Ochmann-Rasch. *Sistemas Medicos de Emergencia en Mexico: Una perspectiva prehospitalaria*. [Emergency Medical Systems in Mexico: A prehospital perspective]. Arch Med Urg Mex; 2010;2(1):25-34.
- Short JR, **Pinet-Peralta LM**. *No accident: traffic and pedestrians in the city*. Mobilities. 2010;5(1):41-59.  
<https://doi.org/10.1080/17450100903434998>
- Pinet-Peralta, LM**. *Fifty Years of Disaster Management Policies in the United States*. Prehosp Dis Med. 2009;24(2):s28
- Fraga-Sastrias JM, Asensio-Lafuente E, Martínez R, Bárcenas IA, Prieto-Sagredo J, Castillo L, **Pinet-Peralta LM**. *Out-of-hospital cardiac arrest. First documented experience in a Mexican urban setting*. Prehosp Dis Med;24(2):121-125.  
<https://doi.org/10.1017/S1049023X0000666X>
- Short JR, **Pinet-Peralta LM**. *Urban Primacy: Reopening the debate*. Geography Compass. 2009;3(2):1245-1266.  
<https://doi.org/10.1111/j.1749-8198.2009.00234.x>
- Pinet-Peralta LM**, Fraga Sastrias JM, Asensio-Lafuente E, Prieto J. *El efecto de la experiencia clínica de urgencias y la aprobación del registro de paramédicos en México*. [The effect of clinical emergency care experience on the paramedic registry results in Mexico]. Trauma. 2008; 11(1): 5-11.
- Pinet-Peralta LM**, Fraga-Sastrias JM, Asensio-Lafuente E. *Clinical experience and practical skills: results from Mexico City's paramedic registry*. Prehosp Disast Med. 2008; 23(3):227-233. PMID: 18702268
- Peralta LMP**. *The prehospital care system in Mexico City: A system's performance evaluation*. Prehosp Disast Med. 2006; 21(2):104-111.  
<https://doi.org/10.1017/S1049023X00003447>
- Pinet-Peralta LM**. *El reporte de los cuidados prehospitalarios y el estándar de atención: estudio retrospectivo de un servicio privado de la Ciudad de México* [The prehospital care report and the Standard of care: Retrospective study of a private ambulance services of Mexico City]. Trauma. 2005; 8 (2): 37-43.
- Pinet-Peralta, LM**. *Atención prehospitalaria de urgencias en el Distrito Federal: las oportunidades del sistema en salud* [Prehospital

*emergency care in the Federal District: the opportunities in the health system*]. Salud Pública Mex. 2005;47:64-71.

<http://www.insp.mx/salud/47/eng>

Bissell RA, Pinet L, Nelson M, Levy M. *Evidence of the Effectiveness of Health Sector Preparedness in Disaster Response*. Fam Community Health. 2004; 27(3): 193-203. DOI: [10.1097/00003727-200407000-00006](https://doi.org/10.1097/00003727-200407000-00006)

## Major Invited Speeches & Proffered Communications

### **National Association of EMS Physicians 2022 Annual Meeting.**

January 10-15, 2022. Poster. “A Comparison of Performance Evaluation Standards of English and Spanish Prehospital Entry-Level EMT Cognitive Examinations”

**2nd IberoAmerican Congress of Emergency Medicine.** December 1-3, 2021. Speaker. “Airway management in cardiac arrest: ETT, Bougie or Laryngeal Mask?”.

**Virginia EMS Symposium.** November 3-7, 2021. Faculty. “Predictors of 91 calls and transports in Mobile Integrated Health (MIH)” & “Behavioral Health Care Services in the Prehospital Environment”.

**II International Congress on Prehospital Emergencies.** Catholic University of Cuenca, Ecuador, 27-30 May, 2021. Speaker. “Use of epinephrine in cardiac arrest and neurological outcomes”

**I International Congress on Prehospital Emergencies.** Catholic University of Cuenca, Ecuador, 17-20 December 2020. Speaker “Quality in EMS: from the stretcher to the ministry”.

**Allied Social Science Association meeting,** American Society of Hispanic Economists, Denver, CO, 7-9 January 2011. Speaker.

**National Council for Workforce Education Annual Fall Conference,** Washington, D.C., 16-19 October 2010. Roundtable session.

**American Public Health Association 13th Annual Meeting,** Denver, CO, November 6-10, 2010. Roundtable session and poster session. “The effects of primary injury prevention policies on mortality from motor-vehicle crashes among children in the U.S.”

**Academy Health conference,** Boston, MA., June 27-29, 2010. Poster presenter.

**13th Welfare and Research Evaluation Conference,** Administration for Children and Families, Washington D.C., June 2-4 2010. Poster presenter.

**9<sup>th</sup> International Congress in Emergency Medicine,** Querétaro, Mexico, July 2009. Invited professor and speaker. “Does the Mexican Paramedic Registry Work?” and “Stay and play or Get up and run, Roundtable” sessions.

**9<sup>th</sup> World Conference on Injury Prevention and Safety Promotion Conference,** Mérida, México, 15-18 March, 2008. Poster presenter.

**EMS Today conference**, UCLA Prehospital Care Research Forum, Baltimore, 25-29 March, 2008. Speaker and poster presenter  
**VI International Prehospital Trauma Life Support conference**, Mexico City. 19-21 April 2007. Speaker.

**National Public Health Institute**: “Global problems, shared solutions” conference in Cuernavaca Mexico. 7-9 March 2007. Poster presentation.

**8th Annual Respite Awareness Day Conference**, Maritime Institute Conference Center, Linthicum Heights, MD, 24 October 2005. Speaker. “Emergency Preparedness for Individuals with Disabilities”.

**National Disaster Medical System**. Disaster Response conference 2004: Catastrophic care for the nation. Dallas, TX. 17-21 April 2004; Speaker.