



**Master of Public Health  
(MPH)  
STUDENT HANDBOOK**

***2023 – 2024 Academic Year***

**The University of Texas at El Paso  
College of Health Sciences Department  
of Public Health Sciences Master of  
Public Health Program  
500 West University Avenue El  
Paso, TX 79968**

## **MPH STUDENT HANDBOOK**

The Master of Public Health (MPH) Student Handbook provides comprehensive information regarding the program mission, goals, values, curriculum and degree plans, course descriptions, graduate advising, faculty and other resources for current and future MPH and Public Health Graduate Certificate students.

The MPH Student Handbook is updated annually and is posted on the MPH website, <http://chs.utep.edu/publichealthsciences/>

Additional information is available in the UTEP graduate catalog:  
<http://catalog.utep.edu/grad/>

These resources together provide definitive guidelines and policy for students on graduate admission requirements, the UTEP application process, registration procedures, tuition costs, curricular expectations, graduation information, student life issues, and all other university policies and procedures that students are required to know. Students have the responsibility to be aware of and comply with all official requirements, policies, procedures and deadlines in both documents.

### **DISCLAIMER**

The UTEP Department of Public Health Sciences reserves the right to amend the contents of the MPH Student Handbook at any time; and to amend the schedule of courses, degree requirements, and/or any other MPH and certificate program characteristics, in accordance with the University of Texas at El Paso rules and regulations, and the expectations of the Council on Education for Public Health (CEPH).

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## **1. GENERAL INFORMATION**

### **1.1. BRIEF HISTORY OF THE UTEP MASTER OF PUBLIC HEALTH (MPH) PROGRAM**

The first Master of Public Health (MPH) Program at UTEP was approved by the University of Texas Board of Regents in December 2007. The program officially began offering classes in January 2008 and replaced the previous Master of Science in Health Promotion degree program. The Program applied for and received initial 5-year accreditation from the Council on Education for Public Health (CEPH) in 2012. In 2017, the program completed a comprehensive re-accreditation self-study, and received official notification of approval in September 2018. Our program proudly maintains full CEPH accreditation for 2018 – 2025.

### **1.2. MPH PROGRAM MISSION and GOALS**

#### **MPH PROGRAM MISSION**

The MPH program at UTEP prepares future public health leaders through innovative teaching, research, and service by providing educational excellence and access. The program places a special emphasis on the promotion of health equity in Hispanic and border communities worldwide, using evidence-based approaches for developing a diverse workforce of excellently prepared public health professionals.

#### **MPH PROGRAM GOALS**

The MPH program carries out its mission through complementary and supporting instructional, research, and service goals. These goals guide our continual assessment of program curriculum, students, and faculty.

***Instructional Goals.*** Through a combination of coursework, community health agency or organization practice experience, and completion of the MPH Thesis, our program aims to give students the knowledge, skills, and experience needed to become highly proficient practitioners, researchers, and leaders in public health, particularly in Hispanic and border communities worldwide.

***Research Goals.*** Our MPH program aims to build needed skills for the discovery of new knowledge and strategies to decrease health disparities and improve health equity, in Hispanic and border communities worldwide.

***Service Goals.*** While building knowledge and skill, our MPH program has a commitment to serve diverse local, regional, national and international communities, and through this service, to promote knowledge and skills in sustainable community building and resilience. Faculty and students together engage in service to the university, professional organizations, public and private health and service agencies.

### 1.3. MPH PROGRAM FACULTY/STAFF CONTACT and OTHER INFORMATION

*In the faculty publications listed below, student co-author names are underlined>.*

#### DEPARTMENT CHAIR

**María Duarte-Gardea, Ph.D, RD, LD, Professor, Department of Public Health Sciences**

**Contact Information:** HSSN Rm 403, (915) 747-7252, [moduarte@utep.edu](mailto:moduarte@utep.edu)



#### Recent Publications:

- Shoemaker ME, Salmon OF, Smith CM, **Duarte-Gardea MO**, Cramer JT. 2022. Influences of Vitamin D and Iron Status on Skeletal Muscle Health: A Narrative Review. *Nutrients*, 14(13), 2717
- Duarte-Gardea MO**, Thomas, A. (2021). Influence of Sociocultural Background and Health Literacy on Nutrition Care in Diabetes and Pregnancy. In: *Health Professional's Guide to Nutrition, Diabetes and Pregnancy*. Academy of Nutrition and Diabetes. pg 31-47.
- Duarte-Gardea MO**, Thomas, A. (2021). Gestational Diabetes Mellitus and the Plate Concept. In: *Health Professional's Guide to Nutrition, Diabetes and Pregnancy*. Academy of Nutrition and Diabetes. pg 174- 198.
- Duarte-Gardea MO**, Gonzalez-Pacheco DM, Reader DM, Thomas AM, Wang SR, Gregory RP, Piemonte TA, Thompson KL, Moloney L. (2018). Academy of Nutrition and Dietetic's Gestational Diabetes Evidence-based Nutrition Practice Guideline. *J Acad Nutr Diet*. 118 (9): 1719-1742.

**Ximena Burgos-Monzon, PhD, Lecturer**

**Contact Information:** HSSN Rm 413, (915) 747-8548; [xburgos@utep.edu](mailto:xburgos@utep.edu)



#### Recent Publications:

- Balcazar, H.G., de Heer, H.D., Wise-Thomas, S., Redelfs, A., Rosenthal, E.L., **Burgos, X.**, Duarte, M.O. Promotoras can facilitate use of recreational community resources: the Mi Corazón Mi Comunidad cohort study. *Health Promotion Practice* 2015.
- Balcazar, H. Wise, S. Redelfs, A. Rosenthal, L. DeHeer, D. **Burgos, X.** Duarte-Gardea, M. Perceptions of Community Health Workers (CHWs/PS) in the U.S.-Mexico Border HEART CVD Study. *Int. J. Environ. Res. Public Health* 2014; 11(2), 1873-1884.
- Burgos X**, Tomaka J, Balcazar H, Duarte-Gardea M. Dietary patterns and their association with cardiovascular disease risk factors in Mexican origin adults living in the U.S. Mexico border. *Circul.* 2014; American Heart Association. Abstract P173.

**Jeannie Concha, PhD, MPH, Assistant Professor**

**Contact information:** HSSN Rm 414, (915) 747-8308, [jeannie@utep.edu](mailto:jeannie@utep.edu)



**Recent Publications:**

- Bajpeyi, S., Mossayebi, A., Kreit, H., Cherukuri, S., Mandania, R.A., **Concha, J.B.**, Jung, H., Wagler, A., Gupte, A., Deoker, A. (2022). Unmanaged Diabetes and Elevated Blood Glucose Are Poor Prognostic Factors. *Frontiers in Endocrinology, Clinical Diabetes. Covid-19 and Diabetes*, Vol II.
- Rodriguez, I., Ibarra-Mejia, G., **Concha, J.**, Valencia, C. (2021) Systematic Review of Alternative Interventions for Construction Workers. In J. Fernandez, A. Subramaniam, D. Santos, and P. Evangelista (Eds.) *The 10th Annual World Conference of the Society for Industrial and Systems Engineering*, 2021 (pp. - 159-172)
- Concha, J.B.**, Schober G., Portillo, D., Ruiz, RF., Ramos, R., Romero RL., Lopez, A., Winkler, P. (2021). The Diabetes Garage: Using Automotive Maintenance Analogies To Engage Mexican- American Men To Participate In A Diabetes Self-management And Education Program. *Diabetes* 2021;70, Suppl 1:59
- Concha, J. B.**, Kelly, K. J., Mezuk, B. (2021). Hispanic/Latino ethnic identity and diabetes: An examination of underlying acculturation processes and the Hispanic/Latino Advantage. *Health Education & Behavior*. Washington DC. United States. Vol. 48. Issue/Edition 3. 285-294.

**Gabriel Ibarra-Mejia, M.D., Ph.D., Assistant Professor**

**Contact Information:** HSSN Rm 409, (915) 747-7270, [gabmejia@utep.edu](mailto:gabmejia@utep.edu)



**Recent Publications:**

- Ibarra-Mejia G.**, Lusk, M., & Umucu, E. (2022). Mental Health Among College Students During the COVID-19 Pandemic at a Hispanic-Serving Institution. *Health Promotion Practice*, 152483992210927,. AdvOnline
- Morales, E., **Ibarra, G.**, Reyes, L., Barrantes, K., Achi, R., Chacon, L. (2022) Disease burden from simultaneous exposure of *Cryptosporidium* sp. and *Giardia* sp. and land use vulnerability assessment in a Costa Rican drinking water system. *Microbial Risk Analysis*. 100213, ISSN 2352-3522.
- Herrera-Molina, E., Gill, T. E., **Ibarra-Mejia, G.**, & Jeon, S. (2021). Associations between Dust Exposure and hospitalizations in El Paso, Texas, USA. *Atmosphere*, 12(11), 1413. MDPI AG.
- Montalvo, S., Conde, D., Gonzalez, M.P., Dietze-Hermosa, M., **Ibarra-Mejia, G.**, Dorgo, S. (2021) Heart rate percentage as a method for determining intra-set resting during a post-activation performance enhancement exercise to increase vertical jump performance. *Journal of Physical Education and Sport*. 21,5; pp. 2730–2736.
- Ibarra-Mejia, G.**, Lusk, M., Jeon, S. (2021). Stress, anxiety, and depression among Latinx university students during the COVID-19 Pandemic. *Social Development Issues*, 43(1).

**Oralia Loza, PhD, Associate Professor**

**Contact Information:** HSSN Rm 405, (915) 747-7232, [oloza@utep.edu](mailto:oloza@utep.edu)



**Recent Publications** (\* indicates student co-author and alumni):

**Loza, O.,** Beltran, O.\*, Perez, A., Green, J. (2021). Impact of Name Change and Gender Marker Correction on Identity Documents to Structural Factors and Harassment among Transgender and Gender Diverse People in Texas. *Sexuality, Gender & Policy*, 4(2), 76-105.

**Loza, O.,** Guevara, P.\*, Hernandez, A.\* (2021). Gender Differences in Methamphetamine Use Initiation and Trajectory of Use Among People Who Use Methamphetamine in a Mexico-U.S. Border City. *Addictive Disorders & Their Treatment*, 20(4):288-302.

**Loza, O.,** Provencio-Vasquez, E., Mancera, B., De Santis, J. (2021). Health Disparities in Access to Health Care for HIV Infection, Substance Abuse, and Mental Health Among Latino Men who Have Sex with Men in a U.S.- Mexico Border City.

*Journal of Gay & Lesbian Social Services*, 33 (3): 320-336.

**Loza, O.,** Mangadu, T., Ferreira-Pinto, J. B., & Guevara, P.\* (2021). Differences in Substance Use and Sexual Risk by Sexual Orientation and Gender Identity Among University and Community Young Adults in a U.S.-Mexico Border City. *Health Promotion Practice*, 22(4) 559-573.

Schnarrs, P.W. , **Loza, O.,** Cizek, E., Elias-Curry, Y., Aguilar, S., Bond, M.A., Norwood, A., and The Texas COVID-19 & You Coalition (April 2021). COVID-19 & YOU: Experiences of Sexual and Gender Diverse Texans During COVID-19 Pandemic, Austin, TX.

<https://guides.lib.utexas.edu/pridehealth/COVID19>

**Thenral Mangadu, MD, PhD, MPH, Associate Professor**

**Contact Information:** HSSN Rm 402, (915) 747-8516, [tdmangadu@utep.edu](mailto:tdmangadu@utep.edu)



**Recent Publications:**

Shedlin, M.G., Decena, C. U., **Mangadu, T.,** Martinez, A. (2009) Research participant recruitment in Hispanic communities: lessons learned. *Journal of Immigrant and Minority Health*.

Forster-Cox, S. C., **Mangadu, T.,** Jacquez, B., Fullerton, L. (2009) The environmental Health/Home Safety Project: A successful and practical US/Mexico Border Initiative. *Health Promotion Practice*.

Forster-Cox, S. C., **Mangadu, T.** Jacquez, B. (2007). The effectiveness of the promotora (community health worker) model of intervention for improving pesticide safety in the US/Mexico border homes. *Californian Journal of Health Promotion*, 5 (1), 62-75.

**Teresa Reyes, PhD, Visiting Assistant Professor and MPH Program Administrator**

**Contact Information:** HSSN Rm 401, (915) 747-8262, [tmreyes2@utep.edu](mailto:tmreyes2@utep.edu)



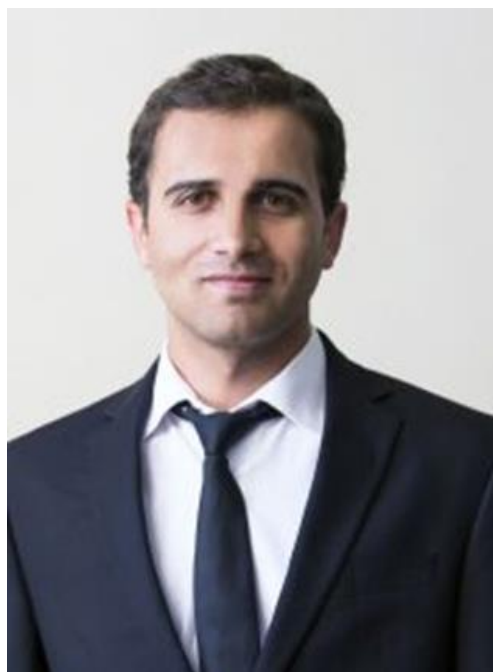
**Recent Publications:**

Gallardo, M. J. & T. Reyes, (2022). A novel use of the endoscopic cyclophotocoagulative probe for the management of excisional goniotomy induced chronic recurrent hyphema. American Journal of Ophthalmology Case Reports, Vol. 26, 101492.

Anchondo, T.M. and P.B. Ford, (2011). Neighborhood Deprivation, Neighborhood Acculturation, and the Retail Food Environment in a U.S.-Mexico Border Urban Area. Journal of Hunger and Environmental Nutrition Vol. 6 (2). Pp. 207-219.

**Emre Emucu, PhD, Associate Professor**

**Contact Information:** HSSN Rm 485, (915) 747-8262, [tmreyes2@utep.edu](mailto:tmreyes2@utep.edu)



**Recent Publications:**

Dr. Umucu's interdisciplinary research aims to improve health, rehabilitation, community participation, and well-being outcomes for individuals and veterans with chronic conditions, especially those who are underserved and underrepresented. He collaborates with local, federal, national, and international agencies and centers to create innovative solutions to complex health and community concerns. He also aims to contribute to creating positive and autonomously supportive health and higher education institutions. Dr. Umucu and his colleagues' research has been funded by federal agencies (e.g., NIH, NIA, DHHS, VA, SAMHSA, HRSA, DOE).

**Cynthia Wittenburg, DrPH, MS, Assistant Professor of Instruction and Practicum Coordinator**  
**Contact Information:** HSSN 411, (915) 747-7237, [cwittenburg@utep.edu](mailto:cwittenburg@utep.edu)



**Recent Presentations:**

Increasing the Pipeline: Exito! Latino Cancer Research Leadership Training. American Public Health Association, November 15-19, 2014, New Orleans, LA.

Using Patient Navigation/outreach to Boost Minority Clinical Trials NCI-ASCO Cancer Trial Accrual Symposium, Bethesda, Maryland, 2010.

Childhood Obesity in New Mexico Elementary Schools APHERD National Conference, Fort Worth, Texas, 2006.

1.4. RESOURCES CONTACT INFORMATION	
Chair, Department of Public Health Sciences	Maria O. Duarte-Gardea; (915) 747-7252; <a href="mailto:moduarte@utep.edu">moduarte@utep.edu</a>
Graduate Advisor	Teresa Reyes; (915) 747-8262; <a href="mailto:tmreyes2@utep.edu">tmreyes2@utep.edu</a>
Practicum Placement	Cynthia Wittenberg; (915) 747-7237; <a href="mailto:cwittenberg@utep.edu">cwittenberg@utep.edu</a>
MPH Thesis Mentors	MPH Handbook pages 7-10, page 33
Textbooks	University Bookstore; (915) 747-5594; <a href="https://www.bkstr.com/texaselpasostore/home">https://www.bkstr.com/texaselpasostore/home</a>
Public Health Librarian	Marissa Testerman; Access Services, 202; (915) 747-5269; <a href="mailto:mtesterman@utep.edu">mtesterman@utep.edu</a>
Library, Library Resources	UTEP Library; (915) 747-5672; <a href="http://www.libraryweb.utep.edu">www.libraryweb.utep.edu</a>
Graduate admissions, applications	David Vizcaino; (915) 747-5491; <a href="mailto:dvizcaino@utep.edu">dvizcaino@utep.edu</a>
Application submission	David Vizcaino; (915) 747-5491; <a href="http://utep.edu/graduate/">utep.edu/graduate/</a>
Graduate student services	Yvonne Lopez, (915) 747-5491; <a href="mailto:selopez@utep.edu">selopez@utep.edu</a>
Graduation evaluation services	Olympia Caudillo, Assistant Director of Graduation Evaluation; (915) 747-7902; <a href="mailto:ocaudillo2@utep.edu">ocaudillo2@utep.edu</a>
Tuition, fees, and payment information	Student Business Services; (915) 747-5116; <a href="mailto:sbs@utep.edu">sbs@utep.edu</a>
Emergency tuition loans	Financial Aid; (915) 747-5204; Website: <a href="https://loans.utep.edu">https://loans.utep.edu</a>
Late Registration fees	Student Business Services; (915) 747-5116; Website: <a href="http://finsvcs.utep.edu/StudentBusinessServices/FAQ.aspx">http://finsvcs.utep.edu/StudentBusinessServices/FAQ.aspx</a>
Registration and Records	Registration and Records Office; (915) 747-5544; <a href="mailto:registrar@utep.edu">registrar@utep.edu</a> or <a href="mailto:records@utep.edu">records@utep.edu</a>
Transcript requests	Transcripts; (915) 747-5630; <a href="mailto:transcripts@utep.edu">transcripts@utep.edu</a> ; Website: <a href="http://academics.utep.edu/Default.aspx?tabid=12274">http://academics.utep.edu/Default.aspx?tabid=12274</a>
Medical and military withdrawal requests	Registration and Records Office; Registrar: Mr. Miguel Sifuentes, (915) 747-5544; <a href="mailto:registrar@utep.edu">registrar@utep.edu</a> ; <a href="http://www.academics.utep.edu/Default.aspx?tabid=40826">http://www.academics.utep.edu/Default.aspx?tabid=40826</a>
Student Identification Card	Miner Gold Card Office; Academic Services Building Rm 116 (915) 747-7334; <a href="https://www.utep.edu/vpba/miner-gold-card/">https://www.utep.edu/vpba/miner-gold-card/</a>
Course schedules & syllabi	<a href="https://my.utep.edu/newgoldmine">https://my.utep.edu/newgoldmine</a>

#### 1.4. RESOURCES CONTACT INFORMATION (continued)

Study Abroad and Exchange Programs	Office of Study Abroad; Program Coordinator: Niamh Minion; (915) 747-6273 or (915) 747-6500; <a href="https://www.utep.edu/student-affairs/oipsa/study-abroad/">https://www.utep.edu/student-affairs/oipsa/study-abroad/</a>
Student Welfare, Grievances, and Other Student Affairs Issues	Office of Student Conduct and Conflict Resolution (OSCCR); (915) 747-8694; <a href="https://www.utep.edu/student-affairs/osccr/">https://www.utep.edu/student-affairs/osccr/</a>
Student Assessment and Testing Services Including TOEFL Exams	Office of Student Testing and Assessment; (915) 747-5009; <a href="mailto:testing@utep.edu">testing@utep.edu</a>
Graduate Record Exam (GRE)	Prometric Test Center in El Paso; (915) 587-7323
Teaching Assistantships	Maria Duarte-Gardea, Chair, Department of Public Health Sciences; <a href="mailto:moduarte@utep.edu">moduarte@utep.edu</a>
Graduate Scholarships and Fellowships	Graduate School; (915) 747-5491; <a href="https://www.utep.edu/student-affairs/financialaid/types-of-aid/Additional%20Aid%20for%20Graduate%20Students.html">https://www.utep.edu/student-affairs/financialaid/types-of-aid/Additional%20Aid%20for%20Graduate%20Students.html</a>
Financial Aid	Financial Aid Office; (915) 747-5204; <a href="https://www.utep.edu/student-affairs/financialaid/">https://www.utep.edu/student-affairs/financialaid/</a>
Student Employment	Job Mine; (915) 747-5640; <a href="mailto:careers@utep.edu">careers@utep.edu</a> ; <a href="http://studentaffairs.utep.edu/Default.aspx?tabid=11624">http://studentaffairs.utep.edu/Default.aspx?tabid=11624</a>
Technical Support for online access issues; Blackboard; email; password; computer issues	Information Technology HELP Desk; (915) 747-HELP; <a href="mailto:help@utep.edu">help@utep.edu</a> ; <a href="https://www.utep.edu/technologysupport/TSCenter/tsc_helpdesk.html">https://www.utep.edu/technologysupport/TSCenter/tsc_helpdesk.html</a>
Student Health and Wellness Center	Student Health and Wellness Center; (915) 747-5624; Pharmacy; (915) 747-5624; <a href="https://www.utep.edu/chs/shc/">https://www.utep.edu/chs/shc/</a>
Student Health Insurance Plan	United Health Care 1-800-767-0700; <a href="https://www.uhcsr.com/">https://www.uhcsr.com/</a>
Child Care at UTEP	Adelante Child Care Center (915) 532-1114; <a href="http://sa.utep.edu/childcare/">http://sa.utep.edu/childcare/</a>
Student Disabilities, Accommodations and Support Services	Center for Accommodations and Support Services (CASS) (915) 747-5148; <a href="https://www.utep.edu/student-affairs/cass/">https://www.utep.edu/student-affairs/cass/</a>
Writing Support Services	University Writing Center Library, Rm. 227; (915) 747-5112; <a href="mailto:uwc@utep.edu">uwc@utep.edu</a> ; <a href="http://academics.utep.edu/Default.aspx?tabid=47508">http://academics.utep.edu/Default.aspx?tabid=47508</a>
Students for Public Health (SPH)	Student Organization Faculty Advisor: Dr. Teresa Reyes; <a href="mailto:tmreyes2@utep.edu">tmreyes2@utep.edu</a> ; <a href="https://www.facebook.com/utepsph">https://www.facebook.com/utepsph</a> ; subscribe to SPH listserv: <a href="http://listserv.utep.edu/mailman/listinfo/sph">http://listserv.utep.edu/mailman/listinfo/sph</a>

#### 1.4. RESOURCES CONTACT INFORMATION (continued)

<b>Student Governance</b>	<b>Student Government Association (SGA); (915) 747-5584;</b> <a href="https://www.utep.edu/student-affairs/sga/">https://www.utep.edu/student-affairs/sga/</a>
<b>Networking, student organizations, and campus engagement</b>	<b>Student Engagement and Leadership Center; (915) 747-5670;</b> <a href="https://www.utep.edu/student-affairs/selc/">https://www.utep.edu/student-affairs/selc/</a>
<b>Career resources</b>	<b>University Career Center; (915) 747-5640; <a href="mailto:careers@utep.edu">careers@utep.edu</a>;</b> <a href="https://www.utep.edu/student-affairs/careers/index.html">https://www.utep.edu/student-affairs/careers/index.html</a>
<b>Job interview training</b>	<b>Mock Interview Program; (915) 747-5640;</b> <a href="http://studentaffairs.utep.edu/Default.aspx?tabid=56099%20">http://studentaffairs.utep.edu/Default.aspx?tabid=56099%20</a>
<b>How to write cover letters, resumes, mock interviews, dress for success</b>	<b>Sample career-related documents; (915) 747-5640;</b> <a href="http://studentaffairs.utep.edu/Default.aspx?tabid=68748">http://studentaffairs.utep.edu/Default.aspx?tabid=68748</a>
<b>Student Life</b>	<b>Student Engagement and Leadership Center; (915) 747-5670;</b> <a href="https://www.utep.edu/student-affairs/selc/">https://www.utep.edu/student-affairs/selc/</a>
<b>Blackboard Online Learning System</b>	<b>UTEP Blackboard; <a href="https://blackboardlearn.utep.edu/">https://blackboardlearn.utep.edu/</a></b>
<b>Counseling for career or personal concerns</b>	<b>University Counseling Center; (915) 747-5302; Website:</b> <a href="https://www.utep.edu/student-affairs/counsel/">https://www.utep.edu/student-affairs/counsel/</a>
<b>Police and emergency services</b>	<b>University Police office; (915) 747-5611</b> <b>Campus Emergency: Dial 911 from a university phone or 915-747-5611 from non-university phone;</b> <a href="https://www.utep.edu/police/">https://www.utep.edu/police/</a>
<b>Student parking, shuttle and other bus services</b>	<b>Parking &amp; Transportation Services Office; (915) 747-5724;</b> <a href="mailto:parking@utep.edu">parking@utep.edu</a> ; <a href="https://www.utep.edu/parking-and-transportation/">https://www.utep.edu/parking-and-transportation/</a>

### 1.5. Research Facilities and Major Equipment

The College of Health Sciences has research facilities and major equipment available for research conducted by faculty and students in the MPH Program. These facilities are located on the fourth floor of the HSSN building on the main campus. They include four specialized laboratory units and the CHS clinical laboratory. The MPH (and other CHS programs) also have access to the Biology Department complex core facilities for DNA sequencing, FACS, DNA Microarray, beta and gamma counters, confocal microscopy, electronic microscopy, and ultra- centrifuge.

#### College of Health Sciences Research Laboratories

*Human Immunology and Infectious Disease Research Laboratory* houses significant equipment including a  $CO_2$  incubator, laminar flow hood and two safety cabinets, Nikon inverted fluorescence microscopy with CCD video imaging, PerkinElmer Victor<sup>3</sup> multi-label counter (fluorescence, luminescence, absorbance), Beckman high-speed centrifuge, Eppendorf centrifuge,

Clinical centrifuge, TOMTEC cell harvester, Bio-Radbiologic duoflow pathfinder 20 system (HPLC), fraction collector, analytical balance, UVP imaging system with digital camera (DNA and protein gels), UV/BIS Spectrometer, vertical and horizontal electrophoresis system, Bio-Rad electrophoretic transfer system, incubator-shaker, UV-cross linker, hybridization oven, sonicator, analytical balance, pH meter, two incubator, Bio-Rad iCycler for Q-RT-PCR, Eclipse 600 microscope with digital camera, two microscopes, NanoDrop, water baths, Cholestech L-D-X, Hemoglobinometer, 4°C refrigerator and –freezers (-20°C, -70°C, -140°C) for long term storage of bacteria and cell lines, dark room for developing auto-radiographs, wash room equipped with distilled water system, autoclaves, dishwasher, storage space for chemicals and media, and a human blood draw station.

*The Nutrient Analysis Laboratory* is equipped for the analysis of macro- and micro- nutrient composition of food and biological samples. The equipment includes a Pekin-Elmer AAnalyst 700 atomic absorption spectrometer with graphite furnace, Goldfish fat extractor, crude fiber apparatus, combination Kjeldahl digestion and distillation, Rapidstill 1 Microdigester, large muffle oven, lab oven, Sartorius GP5202 precision balance, Sartorius GP503 class II balance, OHAUS moisture balance, pH meter and other assorted small equipment.

*The Dietary Laboratory* contains desktop and portable computers used to collect and analyze dietary data using the ESHA II Food Analysis software system, NASCO food models, and other dietary assessment tools.

***The Experimental Foods Laboratory*** is equipped with stainless steel storage cabinets, three mobile work tables, a landing table, four full-size range stoves with ovens, a set of double- stacked convection ovens, table-top industrial size microwave ovens, an industrial size griddle, an upright industrial freezer and upright industrial refrigerator with glass fronts, an industrial food steamer, food mixer, wire mesh shelving, food grinder, exhaust hoods, hand sink and three- compartment industrial sink.

***MINER (Metabolic, Nutrition and Exercise Research) Laboratory*** includes eight independent rooms and a section of the shared bench laboratory area. It houses over \$600,000 worth of equipment and supplies and has a research capacity including large population descriptive survey studies to complex molecular and endocrinology. This research space is highly conducive and supportive of the interdisciplinary collaborative culture of the College of Health Sciences. An interview reception/receiving area serves to accommodate the arrival of our research participants, where discussion of the details of a study, completion of associated paperwork, surveys and questionnaires and basic screening procedures can be performed.

***Cardiovascular Physiology Laboratory*** is available for research studies that require measurements of fitness and cardiovascular health, using treadmills, exercise bikes, metabolic carts, and EKG monitoring. Facilities include equipment for anthropometric measurement and body composition testing including medical digital scales, stadiometer, hydrostatic (underwater) weighing, the Bod Pod, air displacement plethysmography; DEXA scan, and dual-energy x-ray absorptiometry. A specialized clinical research center includes outpatient beds, intravenous infusion, vital signs monitoring devices and Sonosite Titan portable ultrasound unit. A unique environmental research chamber allows for the manipulation of temperature and humidity to study responses to exercise and body fluid regulation in extreme environmental conditions.

***The Bench Laboratory*** is equipped for the collection, handling and processing of blood samples and is equipped to perform both clinical chemistry and immunochemistry. Equipment includes: a refrigerated Eppendorf centrifuge to separate plasma, 4°C refrigerator, -80°C Freezer for storing blood samples, and laminar flow hood, a Tosoh AIA 360 immuno- analyzer, Cholestech LDX portable chemistry auto-analyzer, Bayer 2000 DCA Hemoglobin AIC analyzer, Hemocue hemoglobin and glucose analyzers.

## 2. MASTER OF PUBLIC HEALTH (MPH) DEGREE PROGRAM

### 2.1. PROGRAM OVERVIEW

The MPH Program at UTEP prepares students for public health practice and leadership in public, non-profit, and private sectors. The program provides future public health professionals with the knowledge, analytical skills, technical skills, and leadership skills necessary to address current and emerging public and community health challenges, through classroom instruction, supervised practical experience in a public health agency (practicum), research, and other experiential activities. The program offers the MPH degree with a specific concentration in *Hispanic and Border Health*, the first and only program of its kind in the U.S. This unique concentration specifically prepares students for public health practice in Hispanic and border communities worldwide. MPH courses meet once per week in late afternoons and early evenings to accommodate working professionals. Our MPH Program is fully accredited by the Council on Education for Public Health (CEPH).

### 2.2. ADMISSION AND APPLICATION REQUIREMENTS

- Completed baccalaureate degree from an accredited U.S. institution or recognized foreign institution; ***minimum 3.0 cumulative GPA on 4.0 scale required***
- International applicants must meet the minimum TOEFL score of 79 or higher (as determined by the UTEP Graduate School requirements).
- Prior health-related experience (e.g., in health care, research, community development, health promotion/education) **and/or** demonstrated commitment to public health.
- ***GRE and/or MCAT scores are optional (not required)***

***The application package must include the following:***

- Completed application form including current academic Curriculum Vitae Official transcripts
  - from ***all*** colleges and/or universities attended
  - Three letters of recommendation from professional references such as current/former professors or employers (***not*** coworkers, relatives, or friends). At least one must be from an academic reference (e.g., former professor). ***Recommenders must be in a position to provide a fair and accurate assessment of the applicant's ability to succeed in a graduate level program,*** and the potential of the applicant to be a future leader in public health.
  - A 500-word essay describing prior public health-related experience, and reasons for pursuing the MPH degree, including how the MPH program will serve the applicant's specific goals and future career plans in public health.
  - English language writing sample authored solely by the applicant (e.g., class paper or research report)
- 
- In addition, applicants will be required to participate in a teleconference meeting (via Zoom or Skype) with the MPH Program Admissions Committee.

## 2.3. APPLICATION PROCEDURES

**Admission to the MPH Program is competitive.** Each year, many more apply than can be admitted. The Admissions Committee carefully considers each application package. To be competitive, applicants need to take time to prepare an application package that fully reflects the quality of their past work, and their potential for graduate study.

Applicants must submit all completed application materials through the UTEP Graduate School online system at <https://utep.edu/graduate/>. All completed application materials must be submitted by **March 15th** for consideration of possible admission in the coming fall semester. ***Please note that the MPH Program accepts applications only one time per year and admits applicants for the fall semester only.***

## 2.4. MPH PROGRAM CURRICULUM

**MPH Students are required to complete 42 credit hours of coursework with a grade of “B” or better.** The two-year MPH program includes five core courses (15 credit hours); three Hispanic and border health concentration courses (9 credit hours); and the practice (“Practicum”) experience (6 credit hours). The remaining 12 credit hours are earned through a combination of course electives and completion of the research thesis or project thesis. Completion of the MPH Thesis requirement is accomplished through enrollment in Thesis I and Thesis II. Elective courses are chosen in conjunction with the faculty mentor, with Graduate Advisor approval.

Once enrolled, students are expected to enroll *every fall and spring semester* until they have completed the program. If a student is unable to enroll for a given semester, a letter of request for leave of absence must be submitted for program approval to the Program Director prior to the semester in which the student plans to be absent. Not all leave of absence requests are granted. Leave of absence requests cannot exceed a total of two semesters.

## MPH Program Course Listings

### MPH Core Courses (15 hours)

- Social and Behavioral Approaches to Public Health (PUBH 5353)
- Epidemiology for Public Health Professionals (PUBH 5302) Biostatistics in Public Health (PUBH 5305)
- Environmental Health (PUBH 5304)
- Health Services Administration and Policy (PUBH 5307)

### Hispanic and Border Health Concentration Courses (9 hours)

- Responding to Chronic and Infectious Diseases in Hispanic and Border Communities (PUBH 5321)
- Eliminating Health Disparities (PUBH 5322)
- Public Health Evaluation and Research (PUBH 5352)

### Elective Courses (6 hours)

- Elective Courses are selected from Public Health offerings, or another relevant area. Several possible elective courses are suggested but it is important that students select electives that help them build skills in areas that will be important for each student's career objectives. Elective courses are selected with the approval of the student's faculty thesis mentor and are subject to final approval by Program Director.

### Practicum Experience (6 hours) Practicum

- (PUBH 5662)  
The practicum is completed in the summer of the second year following completion of all required structured (classroom) courses. Practicum placements require a full-time commitment from May through the beginning of August.

### Culminating Experience – MPH Thesis (6+ hours) Thesis I

- (PUBH 5398)
- Thesis II (PUBH 5399)

## 2.5. DEGREE PLAN

The degree plan consists of courses approved by the graduate advisor as per program requirements to satisfy degree requirements as stated in the MPH Student Handbook and Graduate Catalog. Revisions to the degree plan, such as course substitutions, must be handled at the department level and approved by the graduate advisor. All coursework completed at the graduate level is part of the graduate academic record/transcript, and all grades earned are part of the cumulative GPA. This applies to all courses completed at the graduate level even if the courses are not part of degree requirements. At the graduate level, courses cannot be repeated for GPA recalculation. **Students can check their progress through their approved degree plan at any time through Goldmine, UTEP's online academic records information system.**

Go to <https://my.utep.edu/>, and click on the Goldmine link. Log in with your UTEP username and password.

## 2.6. NEW STUDENT ORIENTATION AND ADVISING

***New Student Orientation.*** A new student orientation session is held each year in August for all incoming MPH and Graduate Public Health Certificate program students. Attendance at this orientation is mandatory. The purpose of this session is to welcome students and provide them with an overview of the MPH and certificate programs; semester advising timing and requirements; MPH thesis options (research thesis vs. project thesis); and in-depth consideration and discussion of MPH program competencies, which are the academic underpinning of all MPH course content. As a supplement to MPH Student Orientation, throughout the program, at different times and according to student needs, the graduate advisor (usually the Program Director) and faculty will discuss with students the specific requirements for program completion, the curriculum and courses, the practicum, academic performance standards, potential research mentors, public health and health education student organizations, research and teaching assistantships, and other opportunities.

***Individual Graduate Advising Sessions (mandatory for all MPH students).*** The MPH Graduate Advisor (usually the Program Director) works with each student to guide them in the completion of the MPH Program Degree Plan, and to discuss the student's career interests and goals. Prior to the start of each new semester (approximately 1 month prior to the end of the previous semester), every student in the MPH program is required to meet face-to-face with the Graduate Advisor (Program Director). ***Graduate advising sessions are mandatory for all students in the MPH Program.*** During the graduate advising session, student progress will be reviewed, courses for the coming semester will be identified, registration holds will be lifted, and most importantly, any questions or concerns will be discussed. The session usually requires approximately 15 minutes but can vary depending on student needs. For first year students, the graduate advising session is also used to discuss possible research topics and identify MPH faculty members who might serve as research mentors. For students approaching graduation, graduate advising is used to discuss UTEP and MPH Program policies, procedures, and forms, related to completion of the MPH Thesis and graduation.

## 2.7. MPH FOUNDATIONAL AND CONCENTRATION COMPETENCIES

The UTEP Master of Public Health Program is fully accredited by the Council on Education for Public Health (CEPH). To the benefit of students, faculty and the public, CEPH works to define curriculum objectives that ensure students graduating from CEPH accredited programs receive a robust education in all of the areas of study required for a highly successful and impactful career in the field of Public Health.

There are two broad categories of competencies, including “foundational competencies” and “concentration competencies.” Foundational competencies are taught and evaluated in all CEPH accredited programs. Concentration competencies are unique to an individual program, and are specially reviewed and approved by CEPH. We are very proud that our program offers the only concentration in the nation that focuses on Hispanic and (Global) Border Health. Our geographic location uniquely positions us to provide highest quality educational experiences in Hispanic health, health disparities that impact an array of minority populations, and border health issues that are relevant to border communities across the globe. **A complete table of MPH program competencies are provided in Appendix 1. The matrix in Appendix 2 shows which foundational and concentration competencies are addressed in each of the MPH courses. All students are expected to master the MPH Program Competencies by the time they complete the MPH degree. Foundational and concentration competencies are mastered through a combination of coursework, practice experiences (“practicum”), completion of the MPH Thesis, and other program and service activities.**

## 2.8. SCHEDULED COURSES

The sequence of scheduled MPH Program courses is provided below. The MPH Program consists of 42 graduate credit hours and was designed to be completed in five semesters (2 fall semesters, 2 spring semesters, and 1 summer semester). This is the expected completion timeframe for a Master’s degree. Some students may require 1 or 2 additional semesters depending on, for example whether the student is required to complete leveling courses at the start of the program, and/or how quickly the student progresses on the completion of the MPH Thesis. To ensure professional success, completion of the MPH Program within the recommended timeframe of 5 semesters is strongly encouraged.

## **2.8. SCHEDULED COURSES (continued)**

### **SCHEDULED COURSES LIST**

#### **YEAR 1**

##### **Fall Semester**

- Biostatistics in Public Health (PUBH 5305)
- Social and Behavioral Approaches to Public Health (PUBH 5353) Public
- Health Evaluation and Research (PUBH 5352)

##### **Spring Semester**

- Epidemiology for Public Health Professionals (PUBH 5302) Health Services
- Administration and Health Policy (PUBH 5307) Environmental Health
- (PUBH 5304)

#### **YEAR 2**

##### **Fall Semester**

- Responding to Chronic Infectious Diseases in Hispanic and Border Communities (PUBH 5321)
- Elective course
- Research Thesis I (PUBH 5398)

##### **Spring Semester**

- Eliminating Health Disparities (PUBH 5322) Elective
- course
- Research Thesis II (PUBH 5399)

##### **Summer I and II Sessions (Summer “Semester”)**

- Public Health Practicum (PUBH 5662)

## **2.9. COURSE DESCRIPTIONS (all courses are 3 credit hours unless otherwise noted)**

- **PUBH 5302 Epidemiology for Public Health Professionals (core).** Considers the meaning, scope, and applications of epidemiology to the practice of public health practice and the uses of statistics for the scientific appraisal and dissemination of public health data. Prerequisite: one prior UG or GR statistics course with a grade of B or better.
- **PUBH 5304 Environmental Health (core).** Examines the environment and its relationship to human health and disease. Focuses on the physical, chemical, biological and behavioral-social factors of the human environment. Emphasizes environmental health and environmental health hazard principles and concepts.
- **PUBH 5305 Biostatistics in Public Health (core).** Focuses on the analysis, interpretation, and presentation of public health data. Overview of measurement methods, descriptive statistics, confidence intervals and hypothesis testing, sample size and power calculations, analysis of variance and multiple comparisons; correlation and regression; multiple regression and statistical control of confounding; logistic regression; and survival analysis. Prerequisite: one prior UG or GR statistics course with grade of B or better.
- **PUBH 5307 Health Services Administration and Policy (core).** Examines organizational skills and basic principles, theories, and practices of administering public health programs in voluntary and governmental agencies. Also focuses on leadership, motivation, small group process, problem solving, conflict resolution, inter-organizational relationships, and organizational change.
- **PUBH 5352 Public Health Evaluation and Research (core).** Examination of the issues, problems, and techniques involved in the evaluation of public health programs and public health research.
- **PUBH 5353 Social and Behavioral Approaches in Public Health (core).** Examines the cultural, social, economic, psychological, and behavioral factors that influence health and illness. Critical evaluation of social and behavioral science principles, theories, techniques and research used for understanding and resolving public health problems. Emphasis on Hispanic, border, and other diverse multicultural communities.

## 2.9. COURSE DESCRIPTIONS (continued)

- **PUBH 5321 Responding to Chronic and Infectious Diseases in Hispanic and Border Communities (concentration).** Introduction to basic principles of chronic and infectious disease prevention and control. Emphasis on diabetes, hypertension, cardiovascular disease, asthma, cancer, HIV/AIDS, and TB. Critical analysis of the magnitude, distribution, risk factors, and public health significance of selected chronic and infectious diseases in community and institutional settings.
- **PUBH 5322 Eliminating Health Disparities (concentration).** Examination of theoretical models, causes, consequences, and solutions related to health and health care disparities in Hispanic and other minority communities. Students engage in community service- learning project to gain deeper understanding of the socio-cultural, economic, geographic, environmental, nutritional, political, and individual factors that contribute to community health disparities.
- **PUBH 5357 Selected Topics in Public Health (possible elective).** Course content varies. Topics focus on current issues and challenges related to public health. May be repeated, maximum of nine hours. Recent topics have included global health and environmental health topics.
- **PUBH 5358 Independent Study (possible elective).** Investigation and analysis of public health issues and challenges. Field assignments may be required. May be repeated, maximum nine hours. Prerequisite: Department approval.
- **PUBH 5662 Practicum in Public Health (6 credit hours).** Field internship experience in public health agency or work site setting under the supervision of preceptor and university graduate faculty. Requires a significant project proposal approved by instructor and a final written report. Prerequisite: Department approval.
- **PUBH 5398 Research Thesis I.** Initial work on the Research Thesis. Prerequisite: Department approval.
- **PUBH 5399 Research Thesis II.** Continuous enrollment required while working towards completing the Research Thesis. Prerequisites: PUBH 5398 and department approval

## **2.10. PRACTICE EXPERIENCE (“PRACTICUM”)**

All CEPH accredited Master of Public Programs require that students complete a field training practice experience (“practicum”) as part of their MPH degree requirements. The practice experience provides students with critical opportunities to synthesize, integrate, and apply practical skills, knowledge, training learned through courses; to gain professional experience in a public health work environment; and to work on a public health practice project or program that is of special interest to them. UTEP’s unique location provides students with diverse learning experiences at a variety of practicum sites. MPH practicum students also serve as a public health resource for the community. A list of current and previous practicum placement sites is available online on our departmental website in the current Public Health Practicum Handbook.

## **2.11. THE MPH THESIS: THE “CULMINATING PROJECT”**

All students in the UTEP MPH Program are required to complete an MPH Thesis as their “culminating project.” The MPH Thesis offers students the opportunity to demonstrate how they have integrated their pedagogical training to serve a larger purpose in the field of Public Health. Students can choose to complete either a Research Thesis or a Project Thesis.

The Research Thesis involves the completion of an original piece of (usually) quantitative research, involving the statistical analysis of data. A research thesis is completed in the research laboratory of an MPH faculty member, as part of a larger research program being conducted by the MPH faculty member; and/or under the direct supervision of an MPH Program Faculty member with advanced expertise in the topic. In contrast, the Project Thesis involves the development and completion of a “product” that serves an important public health goal. The Research Thesis and the Project Thesis are explained in more detail below. The amount of work and writing required for the Research Thesis and Project Thesis are the same, only the focus and type of work differs.

Students should choose whether to complete a Research Thesis or a Project Thesis according to their career goals. For example, if a student intends to pursue a doctoral or other professional degree involving research after completion of the MPH degree, conceptualizing and completing a research thesis will give the student the opportunity to demonstrate their research skills. (This can be a critical factor for ensuring acceptance into a PhD program.) If, on the other hand, the student does not intend to pursue another degree after the MPH, conceptualizing and completing a Project Thesis might be most appropriate. In this case, the Project Thesis provides an excellent opportunity for the student to demonstrate their ability to create public health materials or products, which can be persuasive for future employers.

The MPH Thesis develops gradually through 3 stages: 1) developing the topic and identifying a Thesis mentor and committee members; 2) preparing and defending the Thesis Proposal; and 3) preparing and defending the final completed Thesis.

**2.11.1. *Stage 1: Developing the topic, finding a thesis mentor and committee members.***

During the first semester of the MPH Program, students begin to think about possible topics for the MPH Thesis, and to think carefully about whether they want to complete a research thesis or a project thesis. Their coursework during the first semester of the program will provide many opportunities to carefully consider career goals, and a thesis topic that will serve to achieve their career goals. *After* the student has identified a specific topic, the student must begin to reach out to possible Thesis Committee Chairs (the thesis mentor) with expertise in their chosen topic, from among the MPH Program Faculty. Only full-time tenured and tenure-track faculty are allowed to serve as the chairs for the MPH Thesis. The student presents and discusses their Thesis topic to the potential mentor. The faculty member will either agree to serve or suggest possible alternative faculty members. Once a faculty member has agreed to serve as the Thesis mentor, the student and mentor together decide on which faculty to ask to serve as Thesis Committee members. Committee members include at least two departmental faculty members and at least one member from outside the department. All committee members must have expertise in one or more areas that overlap the student's Thesis topic. All members of the supervising committee must be permanent or temporary members of the UTEP Graduate Faculty.

**2.11.2. *Stage 2: Preparing and defending the thesis proposal.***

The Thesis Proposal is the detailed and comprehensive plan, or “roadmap,” for the final Thesis. The student enrolls for Thesis I (PUBH 5398) while preparing and writing the Thesis Proposal. The Thesis Proposal includes the complete background and rationale for the research study or project, detailed methods for how the research study will be conducted or how the project will be conducted, the expected results, limitations, and which program competencies are addressed (see Appendix 11 below).

The student works closely with the Thesis Mentor while developing and writing the Thesis Proposal to ensure a successful outcome. The student and mentor together decide when the Thesis Proposal is complete and ready to be defended before the full committee. The committee is notified, a date for the Proposal Defense is set, and the student distributes a final, complete and fully proofread Thesis Proposal to the full Committee at least 2 weeks prior to the Thesis Defense date.

The Thesis Proposal meeting includes an Oral Presentation (usually 30 – 40 minutes) of the proposal by the student, a “public” question and answer period, and a private question and answer session with the full committee.

The Thesis Committee may approve the Proposal document with no revisions, approve with conditions/minor revisions, or not approve the document. If the document is approved with no conditions, the student submits the document and signed forms to the Graduate School, following all Graduate School guidelines. If the document is approved with conditions, the student must make the changes as soon as possible, have the work approved by the Chair and/or Committee Members, and then submit the document and signed forms to the Graduate School, following all Graduate School guidelines. If the final Thesis is not approved, the student must work closely with the Thesis mentor to revise the completed Thesis document. *Please note that working closely with the Thesis mentor throughout the process ensures success in the final outcome.*

### **2.11.3. Stage 3: Preparing and defending the final completed thesis.**

Following approval of the Thesis Proposal the student completes all steps and methods defined in the Thesis Proposal. Depending on the type of thesis, and if the student has not already done so, the student may have to apply for IRB approval to complete the thesis work. During this final stage, the student enrolls for Thesis II (PUBH 5399), which can be taken more than once if the student does not complete the thesis in one semester.

Throughout this final stage, the student continues to meet regularly with the Thesis mentor and works closely with the mentor to ensure that the study or project closely follows the approved plan. The student and mentor together decide when the final Thesis is complete and ready to be defended before the full committee. The committee is notified, a date for the Final Thesis Defense is set, and the student distributes a final, complete and fully proofread Thesis document to the full Committee at least 2 weeks prior to the Thesis Defense date.

The final Thesis Defense meeting includes an Oral Presentation (approximately 30 – 40 minutes) of the final Thesis by the student, a “public” question and answer period, and a private question and answer session with the full committee. ***It is College and Program policy that the Oral Defense presentation for all final MPH Thesis Defense meetings be announced to the public no less than two weeks before the expected defense date.*** Students are required to submit via email a 1-page structured abstract (**Appendix 12**) and public Thesis Oral Defense Announcement (**Appendix 13**) to the Program Director and the Thesis Mentor/Committee Chair, no later than ***14 calendar days*** before the defense date. Before the defense, the Program Director will review, suggest minor revisions as needed, and then forward the two documents to the College of Health Sciences for publication through their list serve and other public venues.

The Thesis Committee may approve the Final Thesis with no revisions, approve with conditions/minor revisions, or not approve the document. If the document is approved with no conditions, the student submits the document and signed forms to the Graduate School, following all Graduate School guidelines. If the document is approved with conditions, the student must make the changes as soon as possible, have the work approved by the Chair and/or Committee Members, and then submit the document and signed forms to the Graduate School, following all Graduate School guidelines. If the final Thesis is not approved, the student must work closely with the Thesis mentor to revise the completed Thesis document. *Please note that working closely with the Thesis mentor throughout the process ensures success in the final outcome.*

During completion of the Thesis Proposal and Final Thesis, provisional grades of P (*in progress*) are assigned for thesis courses. Grades of “P” remain on the student record until the thesis committee and Graduate School Dean approve the final thesis. A standard grade will be issued by the Graduate School or instructor of record (Thesis Chair) upon successful completion of the Thesis.

Students may not enroll in PUBH 5398 and PUBH 5399 simultaneously nor enroll in more than three hours of thesis at any one time and must be enrolled during the semester of graduation. If a student has not completed thesis work at the end of two years after the subject has been approved and recorded, the Program Director may require the student to choose another subject or a different Thesis mentor. Additional details regarding the preparation of the Thesis can be found in the UTEP Graduate School Thesis and Dissertation Guide.

*It is the student's responsibility to know and follow the Graduate School deadlines for submission of Thesis Proposal approval documents and Final Thesis Defense documents.*

**General MPH Thesis Requirements.** All final Theses are subject to the approval of the supervising committee members and ultimately the approval of the Graduate School. *Students are expected to continuously enroll in thesis until work on the thesis is completed according to the following sequence and guidelines:* Students ***must be enrolled in thesis*** during 1) the semester that the thesis proposal is defended; 2) the semester that the final thesis is defended; and 3) the semester in which the program is completed and the student applies for graduation.

All completed theses must be submitted for format check to the Graduate School before the scheduled defense date. The final Graduate School approved thesis must be submitted as an electronic PDF file along with hard copies of the Final Defense form and the signature page. The thesis must be submitted for online publication to the University Microfilms website. Once approved and submitted to the Graduate School, all theses are regarded as publications and will be displayed and made available to the public through the UTEP Library Proquest Dissertation and Theses web portal.

## **2.12. MPH Program Advisory Board**

The Advisory Board was established to help ensure that the MPH Program is academically relevant, achieves its education, research, and service goals, engages the regional public health community, and meets the current and future public health workforce needs of the Paso del Norte region. Members of the board are appointed for two years and are experienced individuals who represent a broad spectrum of the public health community with respect to public health disciplines, agencies, and organizations. The Advisory Board meets twice per year and provides consultation to the MPH graduate program on issues that include:

- Current trends and priorities in public health practice
- Improvement of student recruitment and retention Curriculum development and assessment Achievement of program outcomes
- Identification of specific knowledge, skills, and training that enhance MPH graduate performance and leadership in the public health workplace
- Enhancement of professional skill acquisition through practicum training
- Identification of career, fellowship and other opportunities for MPH graduates
- Identification of public health practice and research opportunities for faculty and students in Paso del Norte region communities
- Development of workforce training products and opportunities for the Paso del Norte region

### **Advisory Board Members:**

- Department Chair, Department of Public Health Sciences. Program Director, MPH Program.
- An alumnus of the MPH Program
- Current president of Graduate Student Public Health Association
- Seven at-large members from local public health-related agencies and organizations

For a complete listing and biography for the 2018-2019 Advisory Board Members, please see:

<https://www.utep.edu/chs/phs/>

### 3. ACADEMIC POLICIES and PROCEDURES

#### 3.1. STUDENT ACADEMIC PERFORMANCE

**Grades.** Graduate students in the MPH and public health certificate programs must maintain a minimum GPA of 3.0 in order to remain in good academic standing. Grades of “C” or below are not considered acceptable for graduate students. Students must receive a grade of B or higher in any course for which they are enrolled while they are graduate students in our program. A student obtaining a C grade in a MPH core or concentration course will need to retake that course and earn a grade of B or higher prior to enrolling in the Practicum course (PUBH 5662). Academic credit is given by the Graduate School for A, B and C grades. Students cannot be cleared for graduation with letters of I or N on the final transcript or P if the course with the P grade is required for degree completion. Graduation candidates with an “Incomplete” grade on the final transcript will be awarded their degree the semester the Incomplete is removed from the final transcript which may be different from the intended semester of graduation.

**Academic Standing.** All graduate level coursework completed at the graduate level is part of the graduate academic record/transcript, and all grades earned are part of the cumulative GPA. This applies to all courses even if the courses are not part of degree requirements. Courses are listed on transcripts with their respective cumulative grade point average according to the level of the course not the level of student. At the graduate level, courses cannot be repeated for GPA recalculation.

**Probation.** Graduate students in graduate programs must maintain a minimum 3.0 cumulative grade point average. Failure to meet the minimum cumulative GPA requirement will result in academic probation. If placed on academic probation, the cumulative GPA must be raised to a 3.0 for degree seeking students by the conclusion of the next nine semester hours of enrollment or the student may face permanent dismissal from the Graduate School. In addition, MPH students must maintain a CGPA of 3.0 in order to remain in good academic standing.

***Grades of “C” or below are not considered acceptable for graduate students.*** Students must receive a grade of B or higher in any course for which they are enrolled while they are graduate students in our program. A student obtaining a C grade in a MPH core or concentration course will need to retake that course and earn a grade of B or higher prior to enrolling in the Practicum course (PUBH 5662). ***Students who receive a D, an F, or two C grades in their courses will be automatically dismissed from the MPH program.***

### 3.2. PRE-REQUISITES AND LEVELING COURSES

All MPH and MPH Certificate students entering the MPH program are expected to have completed at least one undergraduate or graduate level course with a grade of “B” or higher in the following courses: 1) statistics; 2) human disease and disease characteristics course (or similar course); and 3) environmental health. These courses are strictly enforced pre-requisites for the MPH courses Biostatistics (PUBH 5305); Environmental Health (PUBH 5304); and Responding to Chronic and Infectious Diseases (PUBH 5321), respectively. Incoming students who lack the pre-requisite for one or more MPH courses cannot enroll in the MPH course until the leveling course has been successfully completed with a grade of “B” or higher. Students who have not completed these pre-requisite courses may be accepted into the MPH program, and will be advised at the time of acceptance as to which leveling course(s) they will be required to complete. While the completion of leveling courses is required prior to enrollment in the relevant MPH course, *credit hours earned in leveling courses do not count towards the completion of the MPH degree.* In some cases, students from non-health majors may be advised to complete leveling courses prior to being considered as an applicant for the MPH or MPH Certificate program.

### 3.3. TRANSFER CREDIT

The Graduate School may allow a limited number of graduate credits to be transferred from other accredited institutions. Students pursuing a master’s degree may transfer up to 6-9 hours from an accredited institution at the discretion of the Program Director. Courses approved for transfer credit must be graduate level and must fall within established time limits for Master and Doctoral programs. Only courses with a grade of “C” or higher can be transferred.

Academic credit hours transfer but grade points earned at other institutions do not transfer.

### 3.4. TIME LIMITS FOR DEGREE COMPLETION

It is highly recommended that students complete the MPH Program within 3 years. Master’s degree requirements must be completed ***within a period of six years***. The time spent in courses that are accepted as transfer credits ***are counted*** as part of the six-year time limit. Master’s degree students who have not completed degree requirements within established time limits may request a one-time extension from the Graduate School through the Program Director. Work over six years old can be reinstated only with special permission of the Dean of the Graduate School, upon recommendation by MPH Program faculty, MPH Program Director, and the Dean of the College of Health Sciences.

### 3.5. GRADUATION

**General Information.** Degrees are conferred at the end of each fall, spring and summer semester. Formal commencement ceremonies are held in May and December. Candidates may participate in May commencement if lacking only six hours for degree completion. Summer candidates participating in May commencement must complete the graduation application process by the published deadlines for Spring commencement. Students considering graduation prior to completing all requirements need the permission of their Research Mentors and the Graduate Advisor to do so.

#### **General Information for Graduation:**

- All coursework must be completed as listed on the approved degree plan.
- The graduate advisor and college dean-approved Application for Graduate Degree must be filed with the Graduate School.
- Students must be enrolled during the semester of graduation.
- An oral or written examination and/or defense of a thesis or dissertation must be satisfactorily completed.
- The thesis or dissertation must be accepted by the Graduate School.

**Application for Graduate Degree.** The application for graduation is valid for only one semester. It is very important that students notify the Graduate School as soon as possible if you are unable to complete degree requirements. Submission of the Application for Graduate Degree indicates that the academic career is concluding so as part of the graduation application process, student records are inactivated. Upon notification, the Graduate School will reactivate records to allow registration.

### 3.6. STUDENT EVALUATIONS OF INSTRUCTOR AND COURSE

It is university policy that all instructors and courses are evaluated by students each semester. Evaluation forms are provided prior to the end of each semester.

#### 4. MPH PROGRAM RESEARCH MENTORS

All MPH faculty research mentors work in Hispanic and border health. Also, the faculty is characterized in an interdisciplinary approach to public health challenges. Their specific areas of expertise include but health disparities, chronic and infectious disease prevention and control, maternal-child health, health education and promotion, environmental and occupational health, food security and nutrition, and global health. Detailed information on faculty research interests is available online at:

<https://www.utep.edu/chs/phs/people/faculty.html>.

#### POTENTIAL FACULTY RESEARCH MENTORS AND THEIR RESEARCH INTERESTS

- **Ximena Burgos-Monzon, PhD:** nutrition across the ages; nutrition and chronic disease prevention; nutritional epidemiology.
- **Jeannie B. Concha, PhD, MPH:** disparities in diabetes in Hispanics and other marginalized groups; mental health and diabetes; cultural health beliefs; community health promotion.
- **Maria O. Duarte-Gardea, PhD, RD, LD:** nutrition and chronic disease prevention, diabetes and cardiovascular disease prevention.
- **Gabriel Ibarra-Mejia, MD, PhD:** global environmental health risk assessment; GIS health mapping; occupational and general ergonomics and biomechanics; prevention of work-related musculoskeletal disorders; risk assessment and workplace redesign; workplace psychosocial risk assessment; Hispanic workforce health disparities.
- **Oralia Loza, PhD:** ethnic and gender health disparities; U.S.-Mexico border; LGBT Health; Transgender Care; HIV, hepatitis c virus (HCV), and sexually-transmitted infections (STIs); sexual risk behaviors; substance use.
- **Thenral Mangadu, MD, PhD, MPH:** HIV/AIDS prevention and control; substance use disorder prevention and treatment; mental health; immigrant and minority health disparities; global health; violence prevention; health program evaluation; cultural competence in health care.
- **Teresa Reyes, PhD, MPH:** childhood obesity and physical fitness; nutrition, geographic Information Systems (GIS), neighborhood deprivation and acculturation, and access to the retail food environment.
- **Emre Umucu – PhD, MPH:** Veteran health; positive psychology and health; substance use disorders; mental health; health policy and administration; health outcomes among individuals with chronic conditions (including veterans); community participation; employment outcome; aging and geriatric health outcomes; disability in the public health system; rural health policy and administration.
- **Cynthia Wittenberg, MPH:** cancer survivorship; improving cancer survivor's quality of life.

## **5. GRADUATE CERTIFICATE IN PUBLIC HEALTH**

### **5.1. OVERVIEW**

The UTEP Graduate Certificate in Public Health is a 15-credit hour program of study that provides students with the core public health concepts they need to enhance their professional knowledge or to later pursue a graduate degree in the field. The certificate consists of the five core courses required for the Master of Public Health degree (listed on page 18 above).

Students for this program are admitted for the fall semester only. *Transfer credit or course waivers are not allowed as substitution for certificate program courses.*

Students who have been awarded a Graduate Certificate in Public Health have two years to apply their credits toward the MPH degree. Students who successfully complete their certificate program with a grade of B or better in all courses will be eligible for consideration for admission into the MPH degree program although acceptance is not guaranteed. Graduates of the certificate program who do not apply to the MPH Program within two years after completion of the certificate program are not eligible to apply their 15 credits from the certificate program toward the MPH Program.

### **5.2. PROSPECTIVE STUDENT PROFILE**

The Public Health Certificate program is a flexible and accessible program, especially designed for:

- Current UTEP graduate and professional students who wish to increase their public health knowledge and/or explore public health as a possible future profession.
- Individuals currently employed in the public health workforce and whose undergraduate curriculum did not include formal training in public health.
- Persons who hold an undergraduate, graduate or professional degree in another area but wish to increase their knowledge in public health.
- Individuals who intend to eventually enroll in the MPH but presently do not have the time to complete a degree program.

### 5.3. ADMISSION REQUIREMENTS

- Completed baccalaureate degree from an accredited U.S. institution or recognized foreign institution; ***minimum 3.0 cumulative GPA on 4.0 scale required***
- International applicants must meet the minimum TOEFL score of 79 or higher (as determined by the UTEP Graduate School requirements).
- Prior health-related experience (e.g., in health care, research, community development, health promotion/education) **and/or** demonstrated commitment to public health.
- ***GRE and/or MCAT scores are optional (not required)***

**TO BE CONSIDERED, the application package must include all of the following:**

- Completed application form including current academic CV Official
- transcripts from ***all*** of the colleges/universities attended
- Three letters of recommendation from professional references such as current/former professors or employers (not coworkers, relatives, or friends). At a minimum, one of these must be from an academic reference (former professor, dean). *Recommenders must be in a position to provide a fair and accurate assessment of the applicant's ability to succeed in a graduate level program*, and the potential of the applicant to be a future leader in public health.
- A 500-word essay describing prior public health-related experience, and reasons for pursuing the MPH degree, including how the MPH program will serve the applicant's specific defined goals, and future career plans in public health.
- English language writing sample authored solely by the applicant (e.g., class paper or research report)
- Teleconference meeting (via Zoom or Skype) with the MPH Program Admissions Committee

### 5.3. APPLICATION PROCESS

**Admission to the MPH Program is competitive.** Each year, many more apply than can be admitted. The Admissions Committee gives thoughtful consideration to each application package. To be competitive, applicants need to take time to prepare an application package that fully reflects the quality of their past work, and their potential for graduate study.

Applicants must submit all completed application materials through the UTEP Graduate School online system at <https://utep.edu/graduate/>. All completed application materials must be submitted by **March 15th** for consideration of possible admission in the coming fall semester. ***Please note that the MPH Program accepts applications only one time per year and admits applicants for the fall semester only.***

## 5.5. CERTIFICATE PROGRAM CURRICULUM (15 graduate credit hours) SEMESTER 1

### COURSES (offered fall semester every year)

- **PUBH 5353 Social and Behavioral Approaches in Public Health.** Core course examines the cultural, social, economic, psychological, and behavioral factors that influence health and illness. Critical evaluation of social and behavioral science principles, theories, techniques and research used for understanding and resolving public health problems.  
Emphasis on Hispanic, border and other diverse multicultural communities.
- **PUBH 5304 Environmental Health.** Core course examines the environment and its relationship to human health and disease. Focuses on the physical, chemical, biological and behavioral-social factors of the human environment. Emphasizes environmental health and environmental health hazard principles and concepts.
- **PUBH 5305 Biostatistics in Public Health.** Core course focuses on the analysis, interpretation, and presentation of public health data. Overview of measurement methods, descriptive statistics, confidence intervals and hypothesis testing, sample size and power calculations, analysis of variance and multiple comparisons; correlation and regression; multiple regression and statistical control of confounding; logistic regression; and survival analysis. Prerequisite: one prior UG or GR statistics course with a grade of B or better.

### SEMESTER 2 COURSES (offered in the spring semester every year)

- **PUBH 5302 Epidemiology for Public Health Professionals.** Core course considers the meaning, scope, and applications of epidemiology to the practice of public health practice and the uses of statistics for the scientific appraisal and dissemination of public health data. Prerequisite: one prior UG or GR statistics course with grade of B or better.
- **PUBH 5307 Health Services Administration and Policy.** Core course examines organizational skills and basic principles, theories, and practices of administering public health programs in voluntary and governmental agencies. Also focuses on leadership, motivation, small group process, problem solving, conflict resolution, inter-organizational relationships, and organizational change.

## 5.6 COURSE SCHEDULE

All courses are held in the early evening to accommodate working professionals. The five core courses constituting the graduate certificate are regularly offered every year during the Fall and Spring semesters. Full-time students can expect to complete the certificate requirements in as little as two semesters, i.e., three courses in the Fall and two courses in the Spring semester. Part-time study will take longer to finish the certificate requirements, depending upon how many courses a student takes per semester. Students must submit an advisor and college dean approved Application for Graduate Certificate to the Graduate School. Certificates are awarded at the end of each term. The certificate will be noted on the transcript. A certificate signed by the Dean of the Graduate School and College Dean will be issued and mailed to the student.

## **6. FINANCIAL SUPPORT FOR GRADUATE STUDENTS**

### **6.1. Overview**

UTEP's graduate students can finance their education by working and/or by taking advantage of the University's available financial assistance awards and programs. Financial aid is divided into the following types: merit-based, need-based, and employment. Merit-based awards are granted on the evidence of superior academic achievement. Need-based aid is awarded according to the level of the student's financial need, with some consideration of the student's past academic performance. Employment includes jobs, both on and off campus.

### **6.2. Merit-Based Awards**

Merit-based awards consist of competitive scholarships and fellowships. Scholarships are primarily awarded on the basis of the student's previous academic work. Fellowships are generally awarded according to a student's exceptional academic work and/or previous or proposed research in the student's field of study.

### **6.3. Need-Based Awards**

There are a limited number of need-based scholarships available for Texas residents who demonstrate financial need and who meet certain academic requirements. To apply for this scholarship, the student must apply for financial aid through the Office of Student Financial Aid and must also submit an Application for Financial Assistance to the Scholarship Office.

The Office of Student Financial Aid coordinates the processing of all need-based awards. The amount and type of financial assistance provided will be by means of educational loans, grants, and student employment (Federal College Work-Study) programs. Certain emergency loan funds or fee exemptions may also be available. Students admitted into graduate programs are eligible if they have documented need, meet academic eligibility criteria, enroll on a full-time basis, and meet the March 15 financial aid application deadline.

Financial aid recipients must make satisfactory academic progress in order to maintain award eligibility. Detailed information on financial aid application procedures and standards for academic progress may be obtained from the Office of Student Financial Aid.

## 6.4. Teaching, Research and Other Graduate Assistantships

**Overview.** On-campus assistantships are available to UTEP students admitted unconditionally to a degree or certification program. Non-degree seeking students are not eligible for assistantships. Student appointments may be based on academic background, teaching/professional experience, and for international students, proficiency in English (TOEFL). Once the department and the Graduate School have approved the application, the student will receive a letter informing him/her of this decision. Formal appointments and eligibility verification must be completed prior to beginning work with start and end date of employment.

### *Graduate students appointed to assistantships must:*

- Maintain full-time enrollment in courses required for degree or certification program completion
- Maintain good academic standing of 3.0 or higher—memos of justification must be submitted to the Graduate School requesting the appointment of students on probation
- Make satisfactory progress toward the degree in order to be for re-appointed

### *Other important information:*

- Student TA's, RA's, GA's and stipend recipients must be registered for 9 credit hours a semester.
- Masters students are limited to two years of support as a TA, RA, or GA and may not work more than 50% time.
- International Students may not be appointed if they do not meet official TOEFL score of 550.
- Students who are actively appointed are eligible for a waiver of in-state tuition. The appointing department/program must submit a TA/TA/AI Tuition Waiver to the Graduate School.

**Department of Public Health Sciences Assistantships.** A limited number of Teaching Assistantships may be available for MPH students. These are dependent on the available of funding so the number assigned to the department varies by year. In addition, opportunities for student research assistantships may be available from individual faculty through their research and training grants. Interested students should contact faculty members directly.

## 7. STUDENT LIFE

### 7.1. STUDENT GOVERNANCE AND OTHER ACTIVITIES

Students are encouraged to take an active role in program governance and other exciting student activities on campus. Join our public health and health education student associations or one of the other 100+ UTEP student clubs or organizations.

### 7.2. ON-CAMPUS ORGANIZATIONS AND BOARDS

***Students for Public Health (SPH), Faculty Advisor, Dr. Teresa Reyes.*** Students for Public Health (SPH) is the student organization for the Public Health Program. Membership in SPH provides a platform to expose students to community-based outreach, which allows students to network with non-profit organizations, governmental agencies, and state and national organizations. The activities provide professional development and string together the five core areas of public health: biostatistics, environmental health, epidemiology, health policy, and social and behavioral sciences. <https://www.facebook.com/utepsph>  
SPH listserv: <http://listserv.utep.edu/mailman/listinfo/sph>

***Eta Sigma Gamma Health Education Honor Society, Faculty Advisor, Dr. Thenral Mangadu.*** Eta Sigma Gamma was specifically founded for professionals in Health Science and Health Education/Promotion in the United States and other nations. Eta Sigma Gamma was formed in 1967 at Ball State University in Indiana. As of 1992, a total of 78 colleges throughout the United States had established local chapters in affiliation with Eta Sigma Gamma. Gamma Lambda is the local chapter at UTEP and was chartered in 1993 at UTEP. The goal of Eta Sigma Gamma is to encourage excellence in teaching, research, and service in the Health Science discipline. Students are encouraged to become an active member of this chapter. Eta Sigma Gamma activities change from year-to-year, depending upon the interests and needs of the membership. Community health education/promotion projects, socials, and national conventions are some of the many popular activities.

### 7.3. MEMBERSHIP IN STATE AND NATIONAL PUBLIC HEALTH ORGANIZATIONS

**Texas Public Health Association** (<http://www.texaspha.org/>). The Texas Public Health Association (TPHA) is a non-profit, state-wide association of public health professionals dedicated to public health in Texas. TPHA was organized in 1923 and is an affiliate of the American Public Health Association. Student membership is available to individuals enrolled in a college or university or other recognized institution of learning and participating in a curriculum related to the health professions.

***American Public Health Association (APHA) Student Membership.*** The APHA Student Assembly (SA) is a student-led international organization within the American Public Health Association representing students of public health and other related disciplines. The Student

Assembly is dedicated to enhancing students' professional development by providing resources, fostering diversity and promoting opportunities. The Student Assembly facilitates networking experiences, inform students of award and career opportunities, and promote activism and leadership as future public health leaders. All APHA student members automatically become members of the APHA Student Assembly. The current cost of student membership is \$61. <http://www.apha.org/membergroups/students/committees/APHASA>

## **7. 4. CODE OF STUDENT RIGHTS, RESPONSIBILITIES AND CONDUCT**

While enrolled at the University, a student neither loses the rights nor escapes the responsibilities of citizenship. Any student who engages in conduct that is prohibited by the Board of Regents' *Rules and Regulations* or University rules or by federal, state, or local law is subject to discipline whether such conduct takes place on or off campus or whether civil or criminal penalties are also imposed for such conduct. All students are expected and required to obey the law, to show respect for properly constituted authority, and to observe correct standards of conduct. The University of Texas at El Paso administers student discipline according to established procedures of due process. Procedures are defined and described in the *Rules and Regulations* of the Board of Regents, Series 50101, and in the *Handbook of Operating Procedures (HOOP)*, <http://hoop.utep.edu>.

## **7.5. STUDENT GRIEVANCE POLICIES AND PROCEDURES**

**Grade Appeals.** A student may challenge his/her grade as determined by a member of the faculty of the University during or within one year after the end of any credit course, qualifying or comprehensive examination, for which the student has been enrolled or three months following the term the graduate degree was awarded. A challenge to a grade may be pursued only on the basis of malice, bias, arbitrary, or capricious grade determination, or impermissible discrimination. In no event shall a challenge be pursued on the basis of the standards employed in setting grades, so long as those standards are employed impartially.

***The student must first attempt to resolve the question through consultation with the faculty member who assigned the grade.*** The student should then attempt to resolve the question through consultation with the administrator(s) to whom the faculty member reports.

Having failed to resolve the matter after consultation with both the faculty member and her/his supervisors; the student may consult with and/or file a challenge with the Chairperson of the Student Welfare and Grievance Committee. Students should contact the Office of Student Life for specific information or download a copy of the grievance form and instructions on the Office of Student Life web page at <http://studentaffairs.utep.edu/dos> and click on Student Conduct.

**Non-Academic Grievances.** Non-academic grievances of policies and procedures of University departments related to matters other than discrimination, such as the application or interpretation of student policies, must be initiated by making an effort to resolve the matter with the individual involved in the interpretation or decision. If the matter is not resolved, it must be submitted in writing to the Provost or his/her designee within 10 working days of the questioned decision or interpretation.

## **7.6. EQUAL EDUCATIONAL OPPORTUNITY**

To the extent provided by applicable law, no person shall be excluded from participation in, denied benefits of, or be subject to discrimination under any program or activity sponsored or conducted by the University of Texas at El Paso on the basis of race, color, national origin, religion, sex, age, veteran status, disability, or sexual orientation.

Complaints regarding discrimination should be reported to the University's Equal Opportunity Office. The University's full policies, including complaint resolution procedures, on equal opportunity, sexual harassment and misconduct and accommodations for individuals with disabilities are available in *Handbook of Operating Procedures* and on the webpage of UTEP's *Equal Opportunity Office*. Inquiries regarding applicable policies should be addressed to the University's Equal Opportunity/Affirmative Action Office, Kelly Hall, 3rd Floor, or at (915) 747- 5662 or email: [eoaa@utep.edu](mailto:eoaa@utep.edu).

## **8. CAREER DEVELOPMENT (STUDENTS and ALUMNI)**

### **8.1. UNIVERSITY CAREER CENTER RESOURCES.**

All MPH students have access to free University Career Center Services. These include information on graduate and professional schools, fellowships, internships and experiential learning, service learning, volunteer and paid employment opportunities in the Paso del Norte region, state, county and foreign countries. The center also provides a variety of other career resources and assistance including career exploration, resume writing, cover letter writing, job interview preparation, professional behavior and dress tips. They also host professional development and career workshops, provide peer-counselors, and job fairs with local and regional employers, among other services.

### **8.2. GRADUATE SCHOOL CAREER AND PROFESSIONAL DEVELOPMENT RESOURCES**

The UTEP Graduate School provides career and professional development services including Graduate School information and awareness sessions, graduate and professional school career fairs, information on student grants and fellowships, and workshops on topics ranging from GRE preparation to time management.

### **8.3. MPH PROGRAM LIST SERVE**

All MPH and Graduate Certificate Program students and alumni receive timely job and fellowship announcement via the program email list serve list. These are sent out whenever the information becomes available from prospective employers who contact the program, alumni, current students or notices and emails sent to program faculty and administrators.

## 8.4. GRADUATE INTERNSHIP AND FELLOWSHIP OPPORTUNITY WEBSITES

- **Hispanic Association of Universities and Colleges.**  
Paid summer and other Internships. <http://www.hacu.net/hacu/default.asp>
- **Hispanic Congressional Caucus Graduate Fellowship Program.** Paid fellowship program for exceptional Latinos who have earned a graduate degree or higher related to a chosen policy issue area within three years of program start date gives unparalleled exposure to hands-on experience in public policy. Program specifically focuses on the areas of health, housing, law, STEM science, secondary and higher education. Fellowship program seeks to enhance participants' leadership abilities, strengthen professional skills, and increase the presence of Latinos in public policy areas. <http://www.chci.org/fellowships/page/chci-graduate-fellowship-program>
- **Centers for Disease Control and Prevention (CDC).** Paid internships, fellowships, and employment opportunities. ([www.cdc.gov/Fellowships/](http://www.cdc.gov/Fellowships/))
- **American Public Health Association Internships and Fellowships.**  
<http://www.apha.org/about/careers/internships/>
- **SOPHE Health Education and Health Promotion Internship.** The Society for Public Health Education (SOPHE) provides leadership to the profession of health education and health promotion. This internship is for approximately 14 weeks and involves work on a variety of projects and tasks pertinent to SOPHE's mission. [http://www.sophe.org/Sophe/PDF/2011\\_InternshipDescription.pdf](http://www.sophe.org/Sophe/PDF/2011_InternshipDescription.pdf)
- **Association of Schools and Programs of Public Health**  
[www.aspph.org/study/fellowships-and-internships/](http://www.aspph.org/study/fellowships-and-internships/) Association for
- **Prevention Teaching and Research (APTR).**  
[http://aptrweb.org/prof\\_dev/fellowships.html](http://aptrweb.org/prof_dev/fellowships.html)
- **National Cancer Institute.**  
<http://www.cancer.gov/researchandfunding/cancertraining/atnci/programs> Association of Public
- **Health Laboratories (APHL).** <http://www.aphl.org/mycareer/fellowships/pages/default.aspx>
- **National Institutes of Health (NIH): John E Fogarty International Center.**  
<http://www.fic.nih.gov/About/Pages/Employment.aspx>
- **Population Council.** <http://www.popcouncil.org/what/professionalresources.asp>

- **Pan American Health Organization (PAHO) Internships**  
[http://new.paho.org/hq/index.php?option=com\\_content&task=view&id=3211&Itemid=2413&lang=en](http://new.paho.org/hq/index.php?option=com_content&task=view&id=3211&Itemid=2413&lang=en)
- **World Health Organization (WHO) Fellowship Programme.**  
<http://www.who.int/hrh/education/fellowships/en/index.html>    **World Bank**  
**Young Professionals Programme (Jobs)**
- <http://siteresources.worldbank.org/EXTHRJOBS/Resources/1058432-1304013341703/index.html>
- **World Bank Summer and Winter Internships**  
<http://web.worldbank.org/WBSITE/EXTERNAL/EXTHRJOBS/0,,contentMDK:20515785~pagePK:64262408~piPK:64262191~theSitePK:1058433,00.html>
- **Junior Professionals Program for Afro-Descendants (JPPAD) and US Minorities**  
[http://web.worldbank.org/WBSITE/EXTERNAL/EXTHRJOBS/0,,contentMDK:20515898~menuPK:64262363~pagePK:64262408~piPK:64262191~theSitePK:1058433~isCU\\_RL:Y,00.html](http://web.worldbank.org/WBSITE/EXTERNAL/EXTHRJOBS/0,,contentMDK:20515898~menuPK:64262363~pagePK:64262408~piPK:64262191~theSitePK:1058433~isCU_RL:Y,00.html)
- **Inter-American Foundation Grassroots Development Fellowship Program**  
<http://iie.org/en/programs/iaf-grassroots-development-fellowship-program>

## 8.5. EMPLOYMENT OPPORTUNITIES WEBSITES

- **City of El Paso Department of Public Health**  
<http://www.elpasotexas.gov/health/>
- **Texas State Department of Public Health Services**  
<http://www.dshs.state.tx.us/>
- **Texas Public Health Association Job Postings** <http://www.texaspha.org/Default.aspx?pageId=453978>
- **American Public Health Association CareerMart** Public health career resource service offering a full database of job listings, resume critiques, cover letter writing, and career coaching. <http://careers.apha.org/jobs>
- **ASPPH Career and Employment Links.** Association of Schools and Programs of Public Health.  
<http://www.aspph.org/jobs/>
- **ASTHO Job Bank.** Association of State and Territorial Health Officials (ASTHO) Job seekers can browse for jobs and anonymously post resumes. State health agencies and other public health organizations can post job openings. [http://www.jobtarget.com/home/index.cfm?site\\_id=10681](http://www.jobtarget.com/home/index.cfm?site_id=10681)
- **CDC Employment Information.** Centers for Disease Control and Prevention (CDC)  
[www.cdc.gov/employment/](http://www.cdc.gov/employment/)
- **Centers for Disease Control and Prevention (CDC), Public Health Training Opportunities.**  
[www.cdc.gov/Fellowships/](http://www.cdc.gov/Fellowships/)
- **Chronicle of Higher Education**  
<http://chronicle.com>
- **United States Department of Agriculture (USDA)** <http://www.ars.usda.gov/careers/>
- **DHHS Employment Opportunities.** Department of Health and Human Services. [www.hhs.gov/careers/](http://www.hhs.gov/careers/)
- **Environmental Protection Agency**  
<http://epa.itsmycareer.com/>
- **FDA Employment Opportunities.** Food and Drug Administration.  
[www.fda.gov/AboutFDA/WorkingatFDA/default.htm](http://www.fda.gov/AboutFDA/WorkingatFDA/default.htm)

- **Information for Prospective Public Health Students.** Association of Schools of Public Health (ASPH). Provides information and resources for people interested in pursuing an education and career in public health.  
<http://www.asph.org/document.cfm?page=755> **Global**
- **Health Connection job listings**  
<http://globalhealthconnections.org/> **HigerEdJobs**  
[www.HigherEdJobs.com](http://www.HigherEdJobs.com)
- **Job Opportunities at NLM, NIH, DHHS.** National Library of Medicine (NLM) U.S.) - Comprehensive job listings for the National Institutes of Health (NIH) and detailed information about the National Library of Medicine (NLM) job announcements. [www.nlm.nih.gov/about/jobs/jobs.html](http://www.nlm.nih.gov/about/jobs/jobs.html)
- **Job Opportunities in HRSA.** Health Resources and Services Administration.  
<http://www.hrsa.gov/about/jobs/index.html>
- **Jobs @ NIH.** National Institutes of Health (NIH)  
[www.jobs.nih.gov/](http://www.jobs.nih.gov/)
- **NACCHO Job Listings.** National Association of County and City Health Officials. [www.naccho.org/careers/](http://www.naccho.org/careers/)
- **Pan American Health Organization Careers.**  
[http://new.paho.org/hq/index.php?option=com\\_content&task=view&id=1357&Itemid=1211](http://new.paho.org/hq/index.php?option=com_content&task=view&id=1357&Itemid=1211)
- **PHF Employment Opportunities.** Public Health Foundation.  
[http://www.phf.org/AboutUs/Pages/Employment\\_Opportunities.aspx](http://www.phf.org/AboutUs/Pages/Employment_Opportunities.aspx)
- **Public Health Employment Connection.** Emory University Rollins School of Public Health.  
<http://cfusion.sph.emory.edu/PHEC/phec.cfm>
- **Public Health Fellowships.** Partners in Information Access for the Public Health Workforce (PIAPHW) - Links to selected public health fellowship opportunities from government agencies and professional and research organizations. <http://phpartners.org/jobs.html>
- **PublicHealthJobs.net .** ASPH Career Services Council. <http://www.publichealthjobs.net/about/council.cfm>

**APPENDIX 1**  
**MPH PROGRAM FOUNDATIONAL COMPETENCIES**

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**A. Evidence-based Approaches to Public Health**

1. Apply epidemiological methods to the breadth of settings and situations in public health practice
2. Select quantitative and qualitative data collection methods appropriate for a given public health context
3. Analyze quantitative and qualitative data using biostatistics, informatics, computer-based programming and software, as appropriate
4. Interpret results of data analysis for public health research, policy or practice

**B. Public Health and Health Care Systems**

5. Compare the organization, structure and function of health care, public health and regulatory systems across national and international settings
6. Discuss the means by which structural bias, social inequities and racism undermine health and create challenges to achieving health equity at organizational, community and societal levels

**C. Planning and Management to Promote Health**

7. Assess population needs, assets and capacities that affect communities' health
8. Apply awareness of cultural values and practices to the design or implementation of public health policies or programs
9. Design a population-based policy, program, project or intervention
10. Explain basic principles and tools of budget and resource management
11. Select methods to evaluate public health programs

**D. Policy in Public Health**

12. Discuss multiple dimensions of the policy-making process, including the roles of ethics and evidence
13. Propose strategies to identify stakeholders and build coalitions and partnerships for influencing public health outcomes
14. Advocate for political, social or economic policies and programs that will improve health in diverse populations
15. Evaluate policies for their impact on public health and health equity

**E. Leadership**

16. Apply principles of leadership, governance and management, which include creating a vision, empowering others, fostering collaboration and guiding decision making
17. Apply negotiation and mediation skills to address organizational or community challenges

**F. Communication**

18. Select communication strategies for different audiences and sectors
19. Communicate audience-appropriate public health content, both in writing and through oral presentation
20. Describe the importance of cultural competence in communicating public health content

**G. Inter-professional Practice**

21. Perform effectively on inter-professional teams

**H. Systems Thinking**

22. Apply systems thinking tools to a public health issue

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**MPH PROGRAM HISPANIC AND BORDER HEALTH CONCENTRATION COMPETENCIES**

1. State the principles of prevention and control of disease, and discuss how these can be modified to accommodate cultural values and practices in Hispanic and border communities.
2. Develop prevention strategies for the different stages of the major communicable and non-communicable diseases in Hispanic and US/Mexico border communities.
3. Differentiate quantitative health indicators in major communicable and non-communicable diseases in US/Mexico border vs non-border communities.
4. Identify, access, summarize and compare the content of multiple (at least 5) current initiatives relevant to Hispanic and US/Mexico border health.
5. Distinguish health differences from health disparities on the US/Mexico border, and using the Toolkit for Community Action (National Partnership for Action to End Health Disparities) develop action plans for community prevention and intervention.

<b>APPENDIX 2</b> <b>FOUNDATIONAL AND CONCENTRATION</b> <b>COMPETENCIES MATRIX</b>  <b>Foundational Competencies</b>	<b>STUDENT LEARNING EXPERIENCES</b>										
	<b>CORE COURSES</b>					<b>HISPANIC and BORDER HEALTH CONCENTRATION COURSES</b>		<b>PRACTICE EXPERIENCE</b>	<b>THESIS EXPERIENCE</b>	<b>PUBLIC HEALTH ELECTIVES</b>	
	<b>PUBH 5305</b>	<b>PUBH 5302</b>	<b>PUBH 5304</b>	<b>PUBH 5353</b>	<b>PUBH 5307</b>	<b>PUBH 5352</b>	<b>PUBH 5321</b>	<b>PUBH 5322</b>	<b>PUBH 5662</b>	<b>PUBH 5398/99</b>	<b>PUBH 5357 PUBH 5358</b>
<b>A. Evidence-based Approaches to Public Health</b>											
1. Apply epidemiological methods to the breadth of settings and situations in public health practice	R	P		R			R		X	X	X
2. Select quantitative and qualitative data collection methods appropriate for a given public health context	P	R				P			X	X	X
3. Analyze quantitative and qualitative data using biostatistics, informatics, computer-based programming and software, as appropriate	P	R				P			X	X	X
4. Interpret results of data analysis for public health research, policy or practice	P	P		R		P			X	X	X
<b>B. Public Health and Health Care Systems</b>											
5. Compare the organization, structure and function of health care, public health and regulatory systems across national and international settings					P					X	X
6. Discuss the means by which structural bias, social inequities and racism undermine health and create challenges to achieving health equity at organizational, community and societal levels			R	R				P		X	X
<b>C. Planning and Management to Promote Health</b>											
7. Assess population needs, assets and capacities that affect community health			R				P		X	X	X
8. Apply awareness of cultural values and practices to the design or implementation of public health policies or programs			R	P						X	X
9. Design a population-based policy, program, project or intervention						P				X	X
10. Explain basic principles and tools of budget and resource management					P				X	X	X
11. Select methods to evaluate public health programs						P				X	X

<b>APPENDIX 2 (continued) FOUNDATIONAL AND CONCENTRATION COMPETENCIES MATRIX</b>  <b>Foundational Competencies (continued)</b>	<b>STUDENT LEARNING EXPERIENCES</b>										
	<b>CORE COURSES</b>					<b>HISPANIC and BORDER HEALTH CONCENTRATION COURSES</b>		<b>PRACTICE EXPERIENC</b>	<b>THESIS EXPERIENC</b>	<b>PUBLIC HEALTH ELECTIVES</b>	
	<b>PUBH 5305</b>	<b>PUBH 5302</b>	<b>PUBH 5304</b>	<b>PUBH 5353</b>	<b>PUBH 5307</b>	<b>PUBH 5352</b>	<b>PUBH 5321</b>	<b>PUBH 5322</b>	<b>PUBH 5662</b>	<b>PUBH 5398/99</b>	<b>PUBH 5357 PUBH 5358</b>
<b>D. Policy in Public Health</b>											
12. Discuss multiple dimensions of the policy-making process, including the roles of ethics and evidence			R		P				X	X	X
13. Propose strategies to identify stakeholders and build coalitions and partnerships for influencing public health outcomes					P				X	X	X
14. Advocate for political, social or economic policies and programs that will improve health in diverse populations							P	P	X	X	X
15. Evaluate policies for their impact on public health and health equity					P				X	X	X
<b>E. Leadership</b>											
16. Apply principles of leadership, governance and management, which include creating a vision, empowering others, fostering collaboration and guiding decision			R						P	X	X
17. Apply negotiation and mediation skills to address organizational or community challenges									P	X	X
<b>F. Communication</b>											
18. Select communication strategies for different audiences and sectors				R	P				X	X	X
19. Communicate audience-appropriate public health content, both in writing and through oral presentation	P	P		R	P				X	X	X
20. Describe the importance of cultural competence in communicating public health content				R				P	X	X	X
<b>G. Inter-Professional Practice</b>											
21. Perform effectively on inter-professional teams			R	R					P	X	X
<b>H. Systems Thinking</b>											
22. Apply systems thinking tools to a public health issue				P					X	X	X

<b>APPENDIX 2 (continued) FOUNDATIONAL AND CONCENTRATION COMPETENCIES MATRIX</b>  <b>Concentration Competencies</b>	<b>STUDENT LEARNING EXPERIENCES</b>										
	<b>CORE COURSES</b>					<b>HISPANIC and BORDER HEALTH CONCENTRATION COURSES</b>		<b>PRACTICE EXPERIENCE</b>	<b>THESIS EXPERIENCE</b>	<b>PUBLIC HEALTH ELECTIVES</b>	
	<b>PUBH 5305</b>	<b>PUBH 5302</b>	<b>PUBH 5304</b>	<b>PUBH 5353</b>	<b>PUBH 5307</b>	<b>PUBH 5352</b>	<b>PUBH 5321</b>	<b>PUBH 5322</b>	<b>PUBH 5662</b>	<b>PUBH 5398/99</b>	<b>PUBH 5357 PUBH 5358</b>
<b>HISPANIC AND BORDER HEALTH</b>											
1. State the principles of prevention and control of disease, and discuss how these can be modified to accommodate cultural values and practices in Hispanic and border communities.		R					P	R	X	X	X
2. Develop prevention strategies for the different stages of the major communicable and non-communicable diseases in Hispanic and US/Mexico border communities.				R		R	P		X	X	X
3. Differentiate quantitative health indicators in major communicable and non-communicable diseases in US/Mexico border vs non-border communities.	R	R							X	X	X
4. Identify, access, summarize and compare the content of multiple (at least 5) current initiatives relevant to Hispanic and US/Mexico border health.		R						P	X	X	X
5. Distinguish health differences from health disparities on the US/Mexico border, and using the Toolkit for Community Action (National Partnership for Action to End Health Disparities) develop action plans for community prevention and intervention.				R				P	X	X	X

**CORE COURSES:****PUBH 5305.** Biostatistics in Public Health**PUBH 5302.** Epidemiology for Public Health Professionals**PUBH 5304.** Environmental Health**PUBH 5353.** Social and Behavioral Approaches to Public Health**PUBH 5307.** Health Services Administration and Policy**PUBH 5662.** Practicum in Public Health**PUBH 5357.** Special Topics in Public Health**PUBH 5398.** Thesis I**PUBH 5399.** Thesis II**CONCENTRATION COURSES:****PUBH 5352.** Public Health Evaluation and Research**PUBH 5321.** Responding to Chronic and Infectious Diseases in Hispanic and Border Communities**PUBH 5322.** Eliminating Health Disparities**NOTES:****P** - Competency primarily gained in this course**R** - Competency reinforced in this course**X** - Courses have structured learning objectives but content varies by topic; one or more competencies are addressed in these courses.

## APPENDIX 3

### **EXAMPLES OF MPH PRACTICUM FIELD SITE PLACEMENTS**

- City of El Paso Department of Public Health (various units)
- Texas State Department of Public Health Services Region 9/10 (various units) U.S.-Mexico
  - Border Health Association
- El Paso Diabetes Association El Paso
- Paso First Health Plans
- El Paso Independent School District Office of Health and Wellness Paso del Norte
- Region YWCA
- University Medical Center- Women's Health Center Paso del Norte
- Norte Health Foundation
- Arizona Department of Public Health- Bureau of Tobacco Control American Dental Association
- Borderland Area Health Education (AHEC) Project VIDA



**APPENDIX 4**  
**MPH Thesis Evaluation Form**  
**WRITTEN DOCUMENT**

STUDENT NAME	UTEP ID	DATE	(check one)				
			RESEARCH THESIS		PROJECT THESIS		
			PROPOSAL	FINAL	PROPOSAL	FINAL	

**I. EVALUTE APPLICATION OF FOUNDATIONAL AND CONCENTRATION COMPETENCIES, see reverse side of this form.**

II. EVALUATE FRAMEWORK SPECIFIC CRITERIA(4=exceptional; 3=fully met; 2=partially met; 1=not met/missing; N/A=not applicable)	4	3	2	1	N/A
1. <b>Importance of problem to public health.</b> The magnitude of the problem is appropriately characterized and a case made for its public health importance.					
2. <b>Organization/presentation.</b> Document is easy to read and understand. Tables and figures are clear and easy to interpret. The ideas progress logically.					
3. <b>Abstract</b> is appropriately structured and is adequate reflection of larger content.					
4. <b>Introduction.</b> The literature review is thorough and of high quality. Introduction adequately places current study in the context of current knowledge.					
5. <b>Design</b> is appropriate to answer the question. Rationale is given for choosing the design. The strengths and limitations of the design and the measurements are adequately discussed.					
6. <b>Population.</b> The sample or population is appropriate to answer the research question. Considerations, advantages, and disadvantages of the choice of sample or population are discussed.					
7. <b>Analysis.</b> Analysis plan is appropriate to answer the study question(s). Methods are discussed and limitations are noted, level of data collection/coding is sufficient to answer the research question; power, sample size issues (in quantitative studies) are discussed.					
8. <b>Plausibility of results.</b>					
9. <b>Public health implications are addressed.</b>					
10. <b>References</b> are complete and reflect the current literature; peer-reviewed sources provide adequate support for assumptions or background information.					
11. <b>Overall scientific merit.</b> Design is appropriate to the stated objectives, data are appropriate for question; literature review established rationale; study increased knowledge of public health problem or issue.					

**COMMENTS/INSTRUCTIONS (use additional pages as needed):**                      Check one:    **PASS** \_\_\_\_\_    **CONDITIONAL PASS** \_\_\_\_\_    **FAIL** \_\_\_\_\_

**Faculty Name:** \_\_\_\_\_                      **Faculty Signature:** \_\_\_\_\_                      **Chair (circle one)**    **YES**    **NO**

*Please provide original or scanned copy to Committee Chair or to Administrative Assistant, Danielle Barron (HSSN rm 404;dabarron2@utep.edu) by the end of day of the defense.*

Check each competency below that was applied in the completion of the WRITTEN DOCUMENT:

FOUNDATIONAL COMPETENCIES	
A. Evidence-based Approaches to Public Health	<p>_____ 1. Apply epidemiological methods to the breadth of settings and situations in public health practice</p> <p>_____ 2. Select quantitative and qualitative data collection methods appropriate for a given public health context</p> <p>_____ 3. Analyze quantitative and qualitative data using biostatistics, informatics, computer-based programming and software, as appropriate</p> <p>_____ 4. Interpret results of data analysis for public health research, policy or practice</p>
B. Public Health and Health Care Systems	<p>_____ 5. Compare the organization, structure and function of health care, public health and regulatory systems across national and international settings</p> <p>_____ 6. Discuss the means by which structural bias, social inequities and racism undermine health and create challenges to achieving health equity at organizational, community and societal levels</p>
C. Planning and Management to Promote Health	<p>_____ 7. Assess population needs, assets and capacities that affect communities' health</p> <p>_____ 8. Apply awareness of cultural values and practices to the design or implementation of public health policies or programs</p> <p>_____ 9. Design a population-based policy, program, project or intervention</p> <p>_____ 10. Explain basic principles and tools of budget and resource management</p> <p>_____ 11. Select methods to evaluate public health programs</p>
D. Policy in Public Health	<p>_____ 12. Discuss multiple dimensions of the policy-making process, including the roles of ethics and evidence</p> <p>_____ 13. Propose strategies to identify stakeholders and build coalitions and partnerships for influencing public health outcomes</p> <p>_____ 14. Advocate for political, social or economic policies and programs that will improve health in diverse populations</p> <p>_____ 15. Evaluate policies for their impact on public health and health equity</p>
E. Leadership	<p>_____ 16. Apply principles of leadership, governance and management, which include creating a vision, empowering others, fostering collaboration and guiding decision making</p> <p>_____ 17. Apply negotiation and mediation skills to address organizational or community challenges</p>
F. Communication	<p>_____ 18. Select communication strategies for different audiences and sectors</p> <p>_____ 19. Communicate audience-appropriate public health content, both in writing and through oral presentation</p> <p>_____ 20. Describe the importance of cultural competence in communicating public health content</p>
G. Inter-professional Practice	<p>_____ 21. Perform effectively on inter-professional teams</p>
H. Systems Thinking	<p>_____ 22. Apply systems thinking tools to a public health issue</p>
HISPANIC AND BORDER HEALTH CONCENTRATIONCOMPETENCIES	
	<p>_____ 1. State the principles of prevention and control of disease, and discuss how these can be modified to accommodate cultural values and practices in Hispanic and border communities.</p> <p>_____ 2. Develop prevention strategies for the different stages of the major communicable and non-communicable diseases in Hispanic and US/Mexico border communities.</p> <p>_____ 3. Differentiate quantitative health indicators in major communicable and non-communicable diseases in US/Mexico border vs non-border communities.</p> <p>_____ 4. Identify, access, summarize and compare the content of multiple (at least 5) current initiatives relevant to Hispanic and US/Mexico border health.</p> <p>_____ 5. Distinguish health differences from health disparities on the US/Mexico border, and using the Toolkit for Community Action (National Partnership for Action to End Health Disparities) develop action plans for community prevention and intervention.</p>



**APPENDIX 5**  
**MPH Thesis Evaluation Form**  
**ORAL PRESENTATION**

STUDENT NAME	UTEP ID	DATE	(check one)				
			RESEARCH THESIS		PROJECT THESIS		
			PROPOSAL	FINAL	PROPOSAL	FINAL	

**II. EVALUTE APPLICATION OF FOUNDATIONAL AND CONCENTRATION COMPETENCIES, see reverse side of this form.**

II. EVALUATE FRAMEWORK SPECIFIC CRITERIA(4=exceptional; 3=fully met; 2=partially met; 1=not met/missing; NA=not applicable)	4	3	2	1	N/A
1. <b>Presentation Content.</b> Was the target audience identified? Was the appropriate content presented? Was the issue clearly identified and defined? Was the presentation appropriate to the target audience? Was sufficient supporting detail provided? Were the recommendations and assertions supported?					
2. <b>Organization of the Presentation.</b> Was the content organized and presented in a coherent manner? Were new or unfamiliar terms explained? Did the presentation of ideas flow smoothly?					
3. <b>Presentation Style.</b> Did the presenter hold your interest? Was the presenter convincing/effective? Was the presenter's voice loud enough? understandable? Did the presenter make appropriate eye contact with the audience?					
4. <b>Use of Audio-visuals.</b> Were the visual aids used effectively by the presenter? Were the PowerPoint slides readable, with no typographical errors, and not cluttered? Was an appropriate number of visual aids used? Were visuals clearly explained? Did the visuals add clarity to the presentation?					
5. <b>Time Utilization.</b> Was the time appropriately allocated to the different parts of the presentation? Were the time constraints followed? Did it appear that the presentation had been rehearsed?					
6. <b>Questions.</b> Were questions appropriately addressed by the presenter? With confidence and knowledge? Did the presenter interact with the audience?					
7. <b>Overall Impression.</b> Was a compelling argument made by the presenter? Was the presentation convincing? Was an understanding and application of core knowledge demonstrated by the presenter?					

**COMMENTS/INSTRUCTIONS (use additional pages as needed):**

**Check one: PASS \_\_\_\_\_ CONDITIONAL PASS \_\_\_\_\_ FAIL \_\_\_\_\_**

**Faculty Name: \_\_\_\_\_ Faculty Signature: \_\_\_\_\_ Chair (circle one) YES NO**

*Please provide original or scanned copy to Committee Chair or to Administrative Assistant, Danielle Barron (HSSN rm 404;dabarron2@utep.edu) by the end of day of the defense.*

Check each competency below that was demonstrated during the **ORAL PRESENTATION**:

### FOUNDATIONAL COMPETENCIES

#### A. Evidence-based Approaches to Public Health

- \_\_\_\_\_ 1. Apply epidemiological methods to the breadth of settings and situations in public health practice
- \_\_\_\_\_ 2. Select quantitative and qualitative data collection methods appropriate for a given public health context
- \_\_\_\_\_ 3. Analyze quantitative and qualitative data using biostatistics, informatics, computer-based programming and software, as appropriate
- \_\_\_\_\_ 4. Interpret results of data analysis for public health research, policy or practice

#### B. Public Health and Health Care Systems

- \_\_\_\_\_ 5. Compare the organization, structure and function of health care, public health and regulatory systems across national and international settings
- \_\_\_\_\_ 6. Discuss the means by which structural bias, social inequities and racism undermine health and create challenges to achieving health equity at organizational, community and societal levels

#### C. Planning and Management to Promote Health

- \_\_\_\_\_ 7. Assess population needs, assets and capacities that affect communities' health
- \_\_\_\_\_ 8. Apply awareness of cultural values and practices to the design or implementation of public health policies or programs
- \_\_\_\_\_ 9. Design a population-based policy, program, project or intervention
- \_\_\_\_\_ 10. Explain basic principles and tools of budget and resource management
- \_\_\_\_\_ 11. Select methods to evaluate public health programs

#### D. Policy in Public Health

- \_\_\_\_\_ 12. Discuss multiple dimensions of the policy-making process, including the roles of ethics and evidence
- \_\_\_\_\_ 13. Propose strategies to identify stakeholders and build coalitions and partnerships for influencing public health outcomes
- \_\_\_\_\_ 14. Advocate for political, social or economic policies and programs that will improve health in diverse populations
- \_\_\_\_\_ 15. Evaluate policies for their impact on public health and health equity

#### E. Leadership

- \_\_\_\_\_ 16. Apply principles of leadership, governance and management, which include creating a vision, empowering others, fostering collaboration and guiding decision making
- \_\_\_\_\_ 17. Apply negotiation and mediation skills to address organizational or community challenges

#### F. Communication

- \_\_\_\_\_ 18. Select communication strategies for different audiences and sectors
- \_\_\_\_\_ 19. Communicate audience-appropriate public health content, both in writing and through oral presentation
- \_\_\_\_\_ 20. Describe the importance of cultural competence in communicating public health content

#### G. Inter-professional Practice

- \_\_\_\_\_ 21. Perform effectively on inter-professional teams

#### H. Systems Thinking

- \_\_\_\_\_ 22. Apply systems thinking tools to a public health issue

### HISPANIC AND BORDER HEALTH CONCENTRATION COMPETENCIES

- \_\_\_\_\_ 1. State the principles of prevention and control of disease, and discuss how these can be modified to accommodate cultural values and practices in Hispanic and border communities.
- \_\_\_\_\_ 2. Develop prevention strategies for the different stages of the major communicable and non-communicable diseases in Hispanic and US/Mexico border communities.
- \_\_\_\_\_ 3. Differentiate quantitative health indicators in major communicable and non-communicable diseases in US/Mexico border vs non-border communities.
- \_\_\_\_\_ 4. Identify, access, summarize and compare the content of multiple (at least 5) current initiatives relevant to Hispanic and US/Mexico border health.
- \_\_\_\_\_ 5. Distinguish health differences from health disparities on the US/Mexico border, and using the Toolkit for Community Action (National Partnership for Action to End Health Disparities) develop action plans for community prevention and intervention.

# APPENDIX 6

## MPH PRACTICUM EXPERIENCE: ORAL PRESENTATION EVALUATION RUBRIC

Student Name: \_\_\_\_\_

Date: \_\_\_\_/\_\_\_\_/\_\_\_\_

Presentation Title: \_\_\_\_\_

### Health Disparities Case Study: ORAL PRESENTATION

#### TOPIC SCORE

*(Note: Assigned score within a range is subjective assessment of degree criterion is met.)*

TOPIC (Weight)	Exceptional (range 9.0-10.0)	Acceptable (range 8.0-8.9)	Marginal (range 7.0-7.9)	Unacceptable (range 0.0-6.9)	Topic Score	Wt	Topic Points (topic score x wt)
<b>Presentation Content (5.0)</b>	Speaker provides an abundance of accurate information clearly related to assigned health disparities topic.	Provides sufficient information that relates to assigned health disparities topic.	There is a great deal of information that is clearly not related or only peripherally related to assigned health disparities topic.	The main thesis of the presentation is not clear; information is provided that does not relate to the assigned health disparities topic.	_____	<b>x 5.0</b>	_____
<b>Presentation Organization (1.5)</b>	Presentation is clear, logical, and organized. Listener can follow line of reasoning.	Presentation is generally clear and well organized. A few minor points may be confusing.	Listener can follow presentation only with effort. Some arguments are not clear. Organization seems haphazard.	Listener unable to follow presentation. Arguments are not clear. No evidence of organization in presentation.	_____	<b>x 1.5</b>	_____
<b>Level of Presentation (1.5)</b>	Level of presentation is appropriate for the audience. Presentation is paced for audience understanding. It is not a reading of a power point. Speaker is comfortable in front of the group and can be heard by all.	Level of presentation is generally appropriate. Pacing is sometimes too fast or too slow. Presenter seems slightly uncomfortable at times, and audience occasionally has trouble hearing him/her.	Aspects of presentation are too elementary or too sophisticated for audience. Much of the information is read. Presenter seems uncomfortable and can be heard only if listener is very attentive.	The entire presentation is too elementary or too sophisticated for audience. The information is read with limited or no eye contact with audience. Presenter is uncomfortable and cannot be heard by listener.	_____	<b>x 1.5</b>	_____
<b>Contact with Audience and Handling of Questions (2.0)</b>	Consistently clarifies, restates, and responds to questions. Summarizes when needed.	Generally responsive to audience comments, questions, and needs.	Misses some opportunities for interaction. Responds to questions inadequately.	Lack of interaction with audience. No questions are answered. No interpretation is made.	_____	<b>x 2.0</b>	_____
<b>Total points for evaluation (sum of Topic Points in rightmost column; maximum of 100)</b>					<b>Total points =</b>		



## APPENDIX 7

### MPH PROGRAM ANNUAL COURSE SCHEDULE

*Concentration in Hispanic and Border Health*

#### YEAR 1

FALL	Credit Hours	SPRING	Credit Hours	SUMMER
Biostatistics in Public Health (PUBH 5305)	3	Epidemiology for Public Health Professionals (PUBH 5302)	3	OPEN
Social and Behavioral Approaches to Public Health (PUBH 5353)	3	Health Services Administration and Health Policy (PUBH 5307)	3	
Public Health Evaluation and Research (PUBH 5352)	3	Environmental Health (PUBH 5304)	3	
	9		9	

#### YEAR 2

FALL	Credit Hours	SPRING	Credit Hours	SUMMER	Credit Hours
Responding to Chronic and Infectious Diseases in Hispanic and Border Communities (PUBH 5321)	3	Eliminating Health Disparities (PUBH 5322)	3	Practicum in Public Health (PUBH 5662)	6
Elective (1)*	3	Elective (2)*	3		
Research Thesis I (PUBH 5398)	3	Research Thesis II** (PUBH 5399)	3		
	9		9		6

\* Elective courses can include PUBH 5357, PUBH 5358, or Mentor and Graduate Advisor approved graduate courses offered in other UTEP colleges or departments.

\*\* Research Thesis II can be repeated as needed until the final thesis is completed.

**Total MPH Program hours= 42**

## APPENDIX 8



### MPH Program Check List for Graduation

#### Practicum

- ☐ MPH field site placement
- ☐ Poster Presentation

#### MPH Thesis

- ☐ Confirm committee chair and committee members
- ☐ Create a timeline for the activities required for your proposal and defense
- ☐ Complete necessary IRB training (CITI)

#### Proposal Defense of the MPH Thesis

- ☐ Provide the finalized document to the committee **at least 10 working days prior to defense**
- ☐ Appendix 4. MPH Thesis Evaluation Score Sheet for Written Document
- ☐ Appendix 5. MPH Thesis Evaluation Score Sheet for Oral Presentation
- ☐ Fill out Thesis Proposal Application (see below) ***before your defense*** and have it signed by the thesis committee members

#### Final Thesis Defense

- ☐ Complete IRB review of proposed work as needed
- ☐ Appendix 12 and 13. Provide the structured abstract (.docx format) and the Thesis Defense Announcement (.pptx format) to MPH Program Director and to Thesis Committee Chair at least ***14 business days*** prior to defense
- ☐ Provide completed and final thesis document to committee ***at least 10 business days*** prior to the defense
- ☐ Appendix 4. MPH Thesis Evaluation form for Written Document
- ☐ Appendix 5. MPH Thesis Evaluation form for Oral Presentation
- ☐ Fill out Thesis Defense/Completion Form (see below) before your defense and get signed by thesis committee members

#### UTEP Graduate School Forms: check with graduate school for deadlines and any other required forms Thesis Proposal Application

- ☐ Thesis Defense/Completion Form
- ☐ Application for Graduate Degree
- ☐ Graduation Final Degree Plan
- ☐ Draft of the Thesis Document (for formatting check)
- ☐ Final Version of the Thesis Document

The guidelines below give minimum standards for the *Research Thesis*. The report must follow APA style and format, including title page, running header with page numbers, 1" margins, double-spaced, 11 or 12 pt font, and APA style formatted References. Full details regarding APA style are available online. The appropriate length for sections may vary depending on the topic of research, and the outline below may need to be modified to fit the topic being investigated. Note however that students are expected to meet the "minimum" page length standards given below. Modifications to this outline must be discussed with the thesis mentor and agreed upon prior to submission of the proposal and/or final document.

### **Title Page**

### **Abstract (250 word maximum)**

### **Literature Review/Background and Significance (minimum 10 pages)**

- Statement of the problem
- Review of past literature relevant to the problem
- Theoretical Conceptual Framework
- Goals of the current project
- Study aims and hypotheses

### **Methods (length depending on topic)**

- IRB or IACUC approval and ethics statement
- Study participants
- Sample size
- Study design
- Measures
- Procedures for Data Collection
- Statistical Analyses

### **Results (length depending on analytic strategy)**

- Descriptive statistics
  - o Sample sizes of major subgroups/factors for statistical models
  - o Comparisons of means and SDs for primary outcome variables
  - o Tests of distribution normality for primary outcome variables
- Inferential statistics
  - o Test and model results in text
  - o Tables and figures summarizing and illustrating results

### **Discussion (minimum 10 pages)**

- Brief re-statement of the problem or question addressed, goal of the research and results
- Comparison of findings to past literature
- Strengths and limitations of the studies (methods, analyses)
- Implications of findings for public health; relevance of findings to strategic frameworks
- Conclusions
- MPH core competencies achieved through the research project

### **References**

APA formatted

Minimum 20 references from the previous 5 years required; additional historical references may be included.

### **Tables**

### **Figures**

### **Appendices**

**Project Thesis Guidelines***MPH Program, UTEP*

The guidelines below give the minimum standards for the *Project Thesis*. The report must follow APA style and format, including title page, running header with page numbers, 1" margins, double-spaced, 11 or 12 pt font, and APA style formatted References. Full details regarding APA style are available online. The appropriate length for sections may vary depending on the topic of research, and the outline below may need to be modified to fit the topic being investigated. Note however that students are expected to meet the "minimum" page length standards given below. Modifications to this outline must be discussed with the thesis mentor and agreed upon prior to submission of the proposal and/or final document.

**Title Page****Abstract (250 word maximum)****Introduction (suggested 4 – 5 pages)**

- Describe the history and purpose of the agency for which the project was completed (cite relevant literature)
- Briefly state the problem to which the project relates and relevant literature
- Explain why was the project needed and the goal of the project
- State how the agency will use the project information

**Methods (suggested 2 – 3 pages)**

- State in detail the steps that you will follow to accomplish the project.
- Give the anticipated timeline for completion

**Results: Critical analysis of the project completion process (suggested 4 – 5 pages)**

- State whether you accomplished the goal of the project; if aspects were not completed explain
- Describe any obstacles that you faced in completion of the project and how you addressed these
- State whether you followed all of the planned steps; state which steps were essential to the process and where steps were not needed or not feasible, if any
- Summarize your experience interacting with the agency, including responses of the agency at different stages of the project, and what contributed to development of a relationship with the agency
- Summarize your experience of the process, including development and completion of the project

**Discussion (suggested 4 – 5 pages)**

- Briefly summarize the results of the project
- How do the findings of the report link to the current literature (cite relevant literature)
- Describe how the agency will use the results of your report and describe other possible applications of the findings
- Explain what changes you would make to the project process if you were asked to do the same type of project in the future
- Conclusions (max. 500 words)

**References**

APA formatted

Minimum 20 references from the previous 5 years required; additional historical references may be included.

**Appendix 1 (required)**

Complete final written report submitted to agency.

**Additional Appendices (optional)**

## APPENDIX 11

**Thesis Proposal and Final Thesis Document Outlines Epidemiology for  
Public Health Professionals (PUBH 5302)  
Dr. O. Loza, Instructor v. 2.17.20**

### THESIS PROPOSAL OUTLINE

- I. Title**
- II. Abstract**
- III. Outline**
- IV. Introduction**
- V. Background and Significance**
  - a. Outcome(s)**
  - b. Factor(s) of interest**
  - c. Population**
  - d. Location**
- VI. Purpose of the Study**
- VII. Study Aims and Hypotheses**
- VIII. Proposed Methods and Materials (future tense)**
  - a. Sample Population (Study Participants for Secondary Data Analysis)**
  - b. Sample Size**
  - c. Study Design**
  - d. Measures**
  - e. Data Collection**
  - f. Data or Statistical Analysis Plan**
  - g. IRB Approval**
- IX. Potential Limitations and Strengths**
  - a. Methods**
  - b. Analysis**
- X. Expected Results**
- XI. Systems Thinking Models\***
- XII. Strategic Frameworks\*\***
- XIII. MPH Competencies**
- XIV. References**
- XV. Appendix**

### THESIS DEFENSE OUTLINE

- I. Title**
- II. Abstract**
- III. Outline**
- IV. Introduction**
- V. Background and Significance**
  - a. Outcome(s)**
  - b. Factor(s) of interest**
  - c. Population**
  - d. Location**
- VI. Purpose of the Study**
- VII. Study Aims and Hypotheses**
- VIII. Methods and Materials (past tense)**
  - a. Study Participants**
  - b. Sample Size**
  - c. Study Design**
  - d. Measures**
  - e. Data Collection**
  - f. Data or Statistical Analysis Plan**
  - g. IRB Approval**
- IX. Results**
- X. Discussion**
  - a. Strengths**
  - b. Limitations**
    - i. Methods**
    - ii. Analysis**
  - c. Public Health Implications**
  - d. Recommendations**
- XI. Systems Thinking Models\***
- XII. Strategic Frameworks\*\***
- XIII. MPH Competencies**
- XIV. References**
- XV. Appendix**

**\*Systems Thinking Models including conceptual and theoretical models**

**\*\*Strategic Frameworks examples: Healthy People 2030; Healthy People 2020; Healthy Border 2020; Regional Strategic Health Framework 2012; A Healthy Paso del Norte 2016 Report.**

**For your MPH proposal defense and final thesis defense, you will need to follow the guidelines provided in the MPH Handbook and the UTEP Graduate School website, and the recommendations of your mentor.**

## **APPENDIX 12**

### **Final Thesis Defense Structured Abstract Outline**

*At least 14 business days prior to the public defense of the completed thesis, students are required to submit a 1-page structured abstract (.docx format) and the oral defense announcement (.pptx format) to the Program Director for review and dissemination.*

The structured abstract should be no more than approximately 250 words single- spaced and must contain all of the following sections and information:

**Title of Thesis or Graduate Research Project Name of  
Student**

- 1. Summary of background and significance**
- 2. Objectives**
- 3. Hypothesis**
- 4. Methods**
- 5. Results**
- 6. Conclusions**
- 7. Recommendations**



THE UNIVERSITY OF TEXAS AT EL PASO  
**COLLEGE OF HEALTH SCIENCES**

**MPH student of Public Health Sciences  
Graduate Thesis Defense**

**"Identification of *Leishmania Spp.* And *T. Cruzi* Parasites In Bats  
Captured In The El Paso, Texas Region: Bats as a New Reservoir."**

**Monday, August 2, 2021  
1:00 PM MST**

[Click here to join the meeting](#)



**Edith Sandoval** is an MPH student in the department of Public Health Sciences. Her interest in science and improving the community's health has led her to pursue a career in public health. Her research interests include infectious disease epidemiology, emergency preparedness and global health. She currently holds a position at the El Paso Department of Public Health, Emergency Preparedness Program.

Upon completing her educational training, Edith plans on continuing her medical career and infectious disease research.