

Curriculum Vitae

Martha Solis, MD

Assistant Professor
Department of Internal Medicine
University of Texas Rio Grande Valley
School of Medicine

Contact Information

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Education & Training

Chief residency, The University of Texas Rio Grande Valley – KMC Internal Medicine Residency Program, Weslaco, Texas. 2024.

Residency, The University of Texas Rio Grande Valley – DHR Internal Medicine Residency Program, Edinburg, Texas. 2023.

Medical Degree, Universidad Autonoma de Nuevo Leon, Monterrey, Mexico. 2019.

Work Experience

- Research Scholar, Universidad Autonoma de Nuevo Leon, Monterrey, Mexico. 2018-2019.
- Professor Assistant, Universidad Autonoma de Nuevo Leon, Monterrey, Mexico. 2016-2017.

Leadership Experience

- PGY4 chief resident, The University of Texas Rio Grande Valley – KMC Internal Medicine Residency Program, Weslaco, Texas. 2023-2024.

- PGY3 chief resident, The University of Texas Rio Grande Valley – DHR Internal Medicine Residency Program, Edinburg, Texas. 2022-2023.

Research Experience

- Secretaría de Salud, Programa de Investigación, México. Médico Pasante del Servicio Social en Investigación, Karim Mohamed, MD, PhD. 2018-2019.
- UANL Facultad de Medicina, México. Immunology Lab Assistant, Alberto Yairh Limón Flores, PhD. 2015-2019.
- UANL Facultad de Medicina, México. Cell Biology Lab Assistant, Roberto Montes de Oca Luna, MD, PhD. 2013.

Professional Memberships

- American College of Physicians.

Certifications

- ABIM Internal Medicine Certification – 10/03/2023.
- Advanced Cardiac Life Support – 7/2024-7/2026.
- Basic Life Support – 7/2024-7/2026.
- ECFMG certification – 12/5/2019.

Honors & Awards

- ECFMG 2023 Grant Opportunity for J-1 Physicians – Well-being projects supporting foreign national physicians. Awardee. July 2023.
- Academic Excellence Award for Medical Students – Pfizer/AMFEM, Ciudad de México, México. 2019.
- EGEL-CENEVAL Excellence Award – CENEVAL, Mazatlán, México. 2019.
- Academic Achievement Award for Graduating Valedictorian – UANL, Monterrey, México. 2018.
- Academic Excellence Award “Dr. Carlos Canseco” – Monterrey Rotary Club, Monterrey, México. 2018.

- Distinguished Undergraduate Student Award – UANL Facultad de Medicina, Monterrey, México. 2018.

Publications

1. Arce-Mendoza AY, Rosas-Taraco AG, Cantú-Treviño MP, Limón-Flores AY, **Solís-Treviño MM**, Rodríguez-Pérez EG, Rodríguez-Tovar LE, González-Álvarez R, 2018. Efficacy of ELISA test in diagnosis of *Mycobacterium tuberculosis* infection. *Microbiol Res Int*, 6(4): 54-60.
2. Parra-Tello T, **Solís-Treviño MM**, Limón-Flores AY. Enfermedad de Kawasaki recurrente en lactante, reporte de un caso. *Rev Enfer Infec Pediatr* 2016; XXIX (118).

National Poster Presentations

1. **Martha Solis MD**, Arturo Suplee-Rivera MD, Prateek Harne MD, Asif Zamir MD – Metastatic gastric cancer and Krukenberg tumor in pregnancy, a case report (2022). Poster presented at: ACP 2022 Annual Meeting, Charlotte, North Carolina. October 25, 2022.
2. **Martha Solis MD**, Sergio Saenz MD, Daniela Hernandez MD, Andres Suarez MD, Michelle Lopez MD. Incidental Castleman disease in patient with lumbar disc herniation (2022). Poster presented at: ACP Internal Medicine 2022 Annual Meeting, National ACP Abstract Competition, Clinical Vignette Category, Chicago, Illinois. April 29, 2022.
3. Ayesha Khan MD, Steffi Sathiyaraj MD, Rosa Guedez MD, Marco Thierry MD, **Martha Solis MD**, Natalia Pinto MD, Daniel Aragon MD, Daniela Hernandez MD, Zahir Osuna MD, Xavier Blanco MD, Michelle Lopez MD. Promoting age-appropriate preventive and health screening in our resident-led outpatient clinic (2021). Poster presented at: ACP Internal Medicine 2022 Annual Meeting, National ACP Abstract Competition, Clinical Vignette Category, Chicago, Illinois. April 29, 2022.
4. **Solís-Treviño MM**, Valdés-González JM, Villarreal-Méndez G, Mohamed-Hamsho J, Mohamed-Noriega K. Diferencias en el éxito y sobrevida de la queratoplastia penetrante tectónica/terapéutica usando tejido de calidad óptica y tectónica (2018). Poster presented at: XLV Congreso de la Academia Nacional de Medicina de México, Monterrey, México. October 18, 2018.
5. González-Mireles AF, Rodríguez-Serrato MA, Reyes-Cruz EY, **Solís-Treviño MM**, Arce-Mendoza AY, Ramos-Ligonio A, Salinas-Carmona MC, Limón-Flores AY. La radiación solar UVB como posible factor de riesgo para el desarrollo de leishmaniosis cutánea en un modelo experimental (2018). Poster presented at:

XLV Congreso de la Academia Nacional de Medicina de México, Monterrey, México. October 18, 2018.

6. Arce-Mendoza AY, Cantú-Treviño MP, Ramírez-Vega JA, Rosas-Taraco AG, **Solis-Treviño MM**, Limón-Flores AY. Determination of IgM and IgG antibodies against *Mycobacterium tuberculosis* in individuals in contact with patients with active tuberculosis (2016). Poster presented at: XXII Congreso Nacional de Inmunología, Zacatecas, México. April 20, 2016.

Regional Poster Presentations

1. Roy Kondapavuluru MD, Nestor Astorga MD, Jian Garcia-Cruz MD, Eunbee Cho MD, **Martha Solis MD**, Cesar Gutierrez MD. Unmasking the unusual: a rare encounter with malaria (2023). Poster presented at: 2023 Texas ACP Annual Scientific Meeting, South Padre Island, Texas. October 28, 2023.
2. Eric Sanchez MD, Jose Rivera MD, **Martha Solis MD**, Jorge Nadal MD, Andreina Baird MD, et al. Evaluation of vitamin B12 levels in patients with type 2 diabetes mellitus in the ambulatory care setting, a QI project (2023). Poster presented at: 2023 Texas ACP Annual Scientific Meeting, South Padre Island, Texas. October 28, 2023.
3. **Martha Solis MD**, Sergio Saenz MD, Daniela Hernandez MD, Andres Suarez MD, Michelle Lopez MD. Incidental Castleman disease in patient with lumbar disc herniation (2021). Poster presented at: Texas ACP 2021 Resident Abstract Competition, Clinical Vignette Category, Virtual meeting. November 6, 2021. **First place** in the South Texas region.
4. Ayesha Khan MD, Steffi Sathiyaraj MD, Rosa Guedez MD, Marco Thierry MD, **Martha Solis MD**, Natalia Pinto MD, Daniel Aragon MD, Daniela Hernandez MD, Zahir Osuna MD, Xavier Blanco MD, Michelle Lopez MD. Promoting age-appropriate preventive and health screening in our resident-led outpatient clinic (2021). Poster presented at: Texas ACP 2021 Resident Abstract Competition, Quality Improvement Patient Safety Category, Virtual Meeting. November 6, 2021. **Second place** in the South Texas region.
5. **Martha Solis MD**. My first day of residency (2021). Creative writing presentation at Southwest Texas ACP 2021 Conference, Creative Expression Competition, Virtual meeting. September 17, 2021. **Winner**.

Oral Presentations

1. **Martha Solis MD**, Fatimah Bello MD. ECFMG 2023 Grant Opportunity for J-1 Physicians – Well-being projects supporting foreign national physicians. Oral presentation presented at: ECFMG/ACGME Well-being Seminar for J-1 Physicians, Chicago, Illinois. November 19, 2023.

2. **Martha Solis MD**. Women in medicine: the constant battle against gender bias. Oral presentation presented at: UTRGV-DHR Internal Medicine Resident Grand Rounds, Edinburg, Texas. February 15, 2023.
3. **Martha Solis MD**, Rodolfo Garza MD. Journal Club – Molnupiravir for oral treatment of COVID-19 in non-hospitalized patients. Oral presentation presented at: UTRGV-DHR IM Residency Program, Edinburg, Texas. February 4, 2022.
4. **Martha Solis MD**, Jorge Montes MD, Michelle Lopez MD. Morbidity and Mortality Conference. Oral presentation presented at: UTRGV-DHR IM Residency Program, Edinburg, Texas. January 25, 2021.
5. **Solís-Treviño MM**, Mohamed-Noriega K. Plasma autólogo enriquecido en plaquetas (PARP) combinado con lente de contacto terapéutico (LCT) en el tratamiento de defectos epiteliales persistentes (DEP) de la córnea (2019). Oral presentation presented at: Programa Nacional de Servicio Social en Investigación en Salud. Presentación de Trabajos Finales, Promoción Agosto 2018 – Julio 2019, Ciudad de México, México. July 5 2019.
6. Mohamed-Noriega K, Valdés-González JM, **Solís-Treviño MM**, Campos-Casas B, González-Arocha C, Villarreal-Méndez G, Mohamed-Hamsho J. Epidemiology of contact lens related infectious keratitis in northeast Mexico (2019). Oral presentation presented at: XXXIV Congreso Panamericano de Oftalmología, Cancún, México. May 27, 2019.
7. Mohamed-Noriega K, **Solís-Treviño MM**, Valdés-González JM, Morales-Wong F, Villarreal-Méndez G, Mohamed-Hamsho J. Differences in survival and success rates of tectonic/therapeutic keratoplasty using optic and tectonic grafts (2019). Oral presentation presented at: XXXIV Congreso Panamericano de Oftalmología, Cancún, México. May 26, 2019.

Language Fluency

- Spanish – Native.
- English – Functionally native.