

Dr. Hector González-Pagán  
Mountain View College, STEM Department  
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### **Education**

- Working towards a Master's in Science Education, SMU, Dallas, TX.
- Medical Doctor (M.D), Universidad Tecnológica de Santiago, Dominican Republic
- Universidad Central del Este (UCE), Dominican Republic
- University of Puerto Rico, Rio Piedras Campus, Puerto Rico

### **Teaching Experience**

#### **Mountain View College, STEM Department**

Adjunct Instructor: Biology for Non-Science Majors I. Created Power Point lectures, activities, and labs. Worked with eCampus in Blackboard to create online tests and link online activities.

#### **Dallas Independent School District, Dallas, TX | 2007-PRESENT**

- W. E Greiner MS and Atwell MS: 6th to 8th grade science teacher
- UIL/TMSCA Science Coach and Science Academic Coach
- Science & Math; Saturday School; Summer School and support after school programs
- LULAC Science instructor after school; Mentor group and Summer Upward Bound Science Instructor at Mountain View College
- Forensic CSI instructor, Future Leaders Program at St Mark's School

#### **Leadership and Professional Development**

Constantly participate of numerous training programs and educational courses to keep up to date with new teaching methods, new developments and teaching resources.

- **NMSI Laying the Foundation** Summer Institute- 4 years of training to teach AP and Pre-AP classes
- **The Bickel & Brewer Foundation** Future Leaders program- (FLP), St. Marks School and Episcopal School, Dallas · Teach CSI-Forensic skills to 8th grade students · Serve ESL and Academically At-risk students
- **TMSCA and Science UIL** Academic Coach
- **Green Team**, Recycling activities and support Energy audit
- **Science Lab helper's coordinator**, manage group of students; inventory of lab equipment
- **Environmental League Chapter leader**- certification of environmental leader of Dallas
- **LULAC Mentoring Program**, chapter manager at W.E Greiner Middle School
- **Xtreem Science Institute & S.O.S. Science**-UNT Denton. · Write science curriculum, teacher mentoring and development of lessons.

- **AVID** Summer Institute & Member of the AVID site team. Implement AVID strategies in the classroom and school wide.
- **C.A.S.T. Science Conference Presenter**- Dallas, TX: ESL Strategies & Engagement in the science classroom; Galveston, TX; Xtream Science
- **R.E.A.L.L. University** Program- 2-year ESL graduate courses sponsored by DISD M-LEP Department
- **Texas A&M Environmental** Summer Conference Cypress, TX, certification on environmental practices
- **Big Bend Field Study** - UNT Denton. Study the desert ecology and environmental study of our national park. Integrate to lessons.
- **Future city competition**: Sponsor for student-led team that competed in project base learning for city environmental competition.
- **Athena Foundation**- Study literature and Gifted/Talented (G/T) focused seminars.
- **Quark Net Physics** program at The University of Texas, Arlington · Study latest breakthrough and exciting anticipated discoveries in High Energy Physics. Constructed and supervised a muon detector for student data gathering. G/T hours

### **Skills**

- Fully bilingual: English and Spanish.
- Proficiency in Microsoft Word, Excel, and PowerPoint

### **Affiliations and Partnerships**

- **National Science Teacher Association**- Member and implementation of NSTA resources.
- **UT Southwestern**- STARS Program lessons and resource access
- **UT Southwestern** – attend to monthly research seminars/symposia with students
- **LNESC/Upward Bound** collaboration- Science lessons and curriculum for middle/high school students
- **LULAC, Science Corps and The Dallas Rocket Association**- Summer camp program; Rocket Design Challenge
- **City of Dallas** -Storm water management office; water conservation program
- **Dallas Junior League**- Innovative Teaching grant recipient to develop the Greiner Bureau of Investigation with a focus in forensic science.
- **Environmental League of Dallas**- Member and level one- Chapter leader
- **Alliance/AFT**- Campus Leader