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# PABLO (PAUL) GARCIA

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West Loop Campus

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## Pablo Garcia

I am have an instructor at Houston Community Colleges since 1997 providing instruction in Anatomy and Physiology I and II, Microbiology, General Biology I and II, as well as Nutrition. My focus is to prepare students for careers in the medical field and ensure their success in the academic endeavors. My interest includes online instruction as I have spent over ten years teaching online in various formats. I have done extensive researching in online instruction, active learning, and resource development for instruction including video production, 3D modeling, photography, and have partnered with various publishers as an author to produce innovative content including online lab manuals.

My other interest include the use of OER resources for instruction. I have used OpenStax Anatomy and Physiology textbooks for over eight years, saving students thousand of dollars. Additionally, by personally producing learning resources for the OER and haring them with other HCC instructors, expanded the reach of free resources.

My teaching career began in college as a teaching assistant for Anatomy and Physiology I and II labs and my passion for the profession continued from there.

## Experience

### **Biology Faculty Member HCC 1999 – Present**

As a full time-instructor at the Southwest campuses, I teach Anatomy and Physiology I and II currently with course provided online and in-person. I also teach Biol 2101 and Biol 2102, the lab components that correlate with the lecture courses.

### **Associate Chairman, Life Sciences HCC-SW – Fall 2009 - 2011**

Assisted the chairman of life sciences at HCC-SW with scheduling, student counseling and resource development for lecture and lab components of Anatomy and Physiology I and II courses.

### **Department Chairman, Life Sciences HCC-SW – 2004 - 2006**

Responsible for Biology department organization, class scheduling, faculty hiring, supply procurement, students counseling, and public outreach for HCC-SW.

### **Associate Chairman, Life and Natural Sciences HCC-SW – 2003**

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Responsible for Biology department under Chairman of Life and Natural Sciences. This included organization, class scheduling, faculty hiring, supply procurement, students counseling, and public outreach for HCC-SW.

### **Education**

**M.D. UTMB Galveston, TX 1997**

**B.S Biology, Texas A&M, 1993; minor in English**

### **Skills**

- Photography, video production, video editing, graphic design, and html coding. I have produced video reviews of the skeletal system, muscular system, nervous system including brain, spinal cord, as well as special senses including the eye and ear.
- Currently using instructional software including Padlet, Sway, and Kahoot for interactive student interaction. Use 3D modeling software for instruction including Complete Anatomy and Visible Body.
- I helped develop and produce the safety video for HCC science labs (Covid Response).
- My Anatomy and Physiology I course is CTLE certified and my Anatomy and Physiology II course will be submitted for certification in fall 2021.
- I was the lead developer of Master course for Anatomy and Physiology I OER/ Openstax course 2020.

### **Research, Service, Memberships and Honors**

- Human Anatomy and Physiology Society Member
  - 1992 - 1993 research experience-worked on utilization of rattlesnake venom as a prodrug for the use against tumors. Skills included cDNA library production, gel-electrophoresis, and PCR.
  - 1993 Outstanding Rural Scholar
  - Contributor and media production for Houston Food Bank and Hope Farms, providing food and food education for those hungry in our community.
  - Scholarship contributor for Rice University and UH writing programs.
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