

Richard Parra, MA, MS, CFI, LPC

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Skills Summary

- **Case-based aviation** experience especially in the real world application of human factors and psychology concepts.
 - Committee member of a widely recognized Quality Enhancement Program (QEP) involving Faculty and Students for **written communications skills improvement**.
 - **Student support and academic coaching** provided as a Faculty Advisor to the MVC Aviation Club and SALUTE, the veterans national honor society. Also, SVA the Student Veterans Association. Follow up with graduates to assure career upward movement.
 - **Extensive distance and on-line teaching** experience in all aviation subjects as well as psychology and computer areas. Blackboard/Ecampus and Moodle media was utilized as well as publisher proprietary websites and programs.
 - **Have worked successfully** with adults, military veterans and early college high school students.
 - **Very experienced** with either the quantitative or qualitative areas of aviation or psychology.
 - **Science, Technology, Engineering and Math (STEM)** in leading STEM high school students in the building, programming and adapting specialized equipment for specific drone missions.
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EDUCATION

Master of Science Counseling Psychology, University of North Texas, Denton, Texas

Master of Arts Interdisciplinary Degree, Business/Public Administration, Texas Tech University, Lubbock, Texas

Bachelor of Business Administration Personnel Management Texas Tech University, Lubbock, Texas

EXPERIENCE

Professor, Psychology, Mountain View College, Dallas, TX

Present to 2006

Psychology subjects taught include: Applied, Developmental, Introduction of Psychology, and Sexuality. Instruction has been given both in class and online modes. Have utilized MyPsychLab multi-media presentations from Pearson Higher Ed Publications for classroom or online psychology courses. Specialties include, Hypnotherapy, Psychology of Sex, Industrial Consulting, Sports Psychology, Human Factors, PTSD, Marriage and Family and Geriatric Psychology.

Professor, Aviation, Mountain View College, Dallas, TX **2013 to 2000**

Responsible for the planning, organizing and presentation of classroom instruction for college level aviation courses. Subjects include: Meteorology, Propulsion, Regulations, Aviation History, Human Factors, Private Pilot, Instrument Pilot, Commercial Pilot and Ground Instructor courses. Developed PowerPoint and distance learning testing methods for each of the above courses. Was a Department Chairperson in 2006. Current FAA Commercial and Flight/Ground Instructor.

Adjunct Professor, Statistics Northwood University, Duncanville, TX **2010 to 2004**

Courses taught included undergraduate Introduction to Statistics and Quantitative Analysis. Developed distance learning course work using a proprietary system. Instructed working adults, from local corporations, in an adult education undergraduate program.

Teaching Assistant, Psychometrics/Statistics, Univ. of North Texas, Denton, TX

1988-1984

Instructed in psychometric testing procedures. I organized the storage and management of these testing materials.

Introduction to Statistics labs were conducted for all graduate students in psychology graduate programs.

PUBLICATIONS

Validation of a Short-Form of the IQ Tests (co-author)
Utilizing Instrument Landing Approach Systems

COMMUNITY SERVICE

Provided volunteer services, fund-raising support, pro bono consulting, for various nonprofit organizations including:

Big Brothers/Big Sisters, Dallas, TX **1992 TO 1982**
Volunteer Big Brother

YMCA CASA CHILDREN SHELTER, DALLAS, TX **2004 TO 1992**
Family Counselor/ Metro Board Member

AWARDS AND RECOGNITIONS

Innovator of the Year (3 awards) **2012, 2011, 2007**

Given within the Dallas County Community College District (DCCCD) of 8 colleges with a total student population of more than 50,000 students. Support provided by National Institute for Staff and Development (NISOD) through the University of Texas, Austin

Mountain View College Award, DCCCD, Dallas, TX

Team member on a Quality Enhancement Program (QEP) for developing writing skills for entering students. It received no recommendations from a recent Southern Accreditation of Colleges (SACs) visit.

Team member on projects involving the engineering aspects of a wind tunnel duplicating the Wright Brothers mathematical model for the development of flight theories. Also, a second award was received for the development of a heavy jet aircraft simulator for aviation students.

Awarded for creating new training ideas in aircraft simulation and established principles of building blocks of learning in the same environment.

Recognitions

Mountain View College, DCCCD, Dallas, TX

MVC Outstanding Club Advisor Award	2011
Friend of Phi Theta Kappa	2009
Outstanding Club Advisor Certificate	2005-2004