

4./5. STUDENT ADVISEMENT, MENTORING AND RESEARCH SUPERVISION

Student Research Supervision

2005

1. **Jorge Muñoz**, undergraduate physics student, from the Fall of 2005 to date, in the project “Probabilistic Aspects of Isoscaling”.

2002

2. **Alán Dávila**, undergraduate physics student, from **Spring of 2002 to May 2006**, in the projects “Daylight Saving Time” and “Percolation”. Funded by MIE. In 2005 he gave an oral presentation at the Texas Section- APS meeting in Houston on 10/2005, One publication in Physica A in 2006, and one submitted to Rev. Mex. Ciencias Políticas y Sociales, on 11/2005, presented posters at the Texas Section- APS meeting at Baylor U on 10/2004 and at the meeting of the Mexican Society of Physics in 10/2004, one publication to be submitted.

2001

3. **Antonio Ramos**, undergraduate physics student, from the **Fall of 2001 to May 2003**, in the project “Nuclear Fragmentation”. Funded in the Fall 2001 by indirect cost funds and in 2002 by MIE
4. **Manuela Ortiz**, undergraduate physics student, from the **Fall of 2001 to May 2003**, in the project “Computer Simulations”. Funded in the Fall 2001 by my CETAL grant and in 2002 by MIE.
5. **Yazmín Domínguez**, undergraduate physics student, from the **Fall of 2001 to Spring 2002**, in the project “Computer Simulations”. Funded in the Fall 2001 by my CETAL grant and in 2002 by MIE.

2000

6. **Azael Ávalos**, undergraduate physics student, from the **Spring of 2000 to Fall 2002**, in the project “Nuclear Fragmentation”. Mr. Ávalos was acknowledged in one publication in 1999 and in my book in 2000.
7. **Christian Escudero**, undergraduate physics student, from **Spring of 2000 to Dec. 2005**, project “Nuclear Fragmentation”, in 2005 he gave an oral presentation at the Texas Section- APS meeting in Houston on 10/2005, two publications

1998

8. **Martha Navarro**, undergraduate physics student, received a fellowship from the Alliance for Minority Participation. Attended IBM-San Jose Summer Program, from **Fall 1998 spring 2000**. Earned MS in Optics at U. of New Mexico.
9. **Fabian Botello**, undergraduate physics, summer of 1998, was an AMP Summer Bridge student.

1997

10. **Miguel Cortez**, undergraduate Psychology student, **fall of 1997 to spring 1998**, continued in Ph.D. studies in Psychology in Washington.
11. **Karina Apodaca**, undergraduate physics student, **spring of 1997 to spring 1998**, continued in Ph.D. studies at Hampton University.
12. **Jose Ricardo Correa**, undergraduate physics student, **spring of 1997 to fall 1999**, received a MIE fellowship, transferred to U. North Texas.
13. **Mario F. Borunda**, undergraduate physics student, from **fall 1997 to spring 2003**, projects: “Pixe with alphas from Americium”, and “Surface Studies”, supported by AMP, one publication, continued in Ph.D. studies at Texas A&M University.

1995

14. **Carlos Velasco**, undergraduate physics student, from the **spring of 1995 to 9/1996**, continued in Ph.D. studies at Hampton University.
15. **Rocio Gisel Olave**, undergraduate physics student, from the **Summer of 1995 to May 1998**, continued in Ph.D. studies at Old Dominion University.
16. **Richard Coronado**, from **fall 1995 to 1997**. AMP/MIE undergraduate EE student Richard Coronado, since the Fall 1995. Awards: Best undergraduate presentation in TSAPS meeting in Fall 1996; 1st Place AMP Research Conference, July 1995; MIE Research Award 1995-1996; 2nd Place Engineering in UTEP's 1996 EXPO. Went to UT Austin for graduate studies in EE.
17. **Jaime Morales**, from **summer 1995 to 1998**. Awards: 1995-1996 APS-Corporate Sponsored Scholarship for Minority Undergraduate Students; AMP Research Award 1995-1996; 1st Place Physical

Sciences in UTEP's 1996 EXPO. Recipient of GTE Scholarship from 9/96-5/1997. Continued with Ph.D. studies at U. Illinois at Urbana/Champaign.

1994

18. Mike Carroll, graduate physics student, **from Nov. 1994 to May 1995**.

19. Raul Medellin, undergraduate physics student, from the **Fall of 1994 until 8/1996**, one publication. Went to New Mexico State University for Ph.D. in Business Administration.

20. Francis C. Hoyt, LIFT-OFF student, summer 1994.

1993

21. Veronica Alvarado, RCMS undergraduate physics student, from **Fall 1993 - Spring 1994**. Finished BS in Mechanical Engineering.

22. Alfredo Aranda, undergraduate physics student, from the **Fall 1993 until his graduation in 1996**.

Awards: Best undergraduate presentation in TSAPS meetings in Spring 1995 and Spring 1996, 1995-1996 SPS-Senior Award. Earned a Ph.D. at College of William and Mary in 2000, now employed as a professor at Universidad de Colima, in Mexico.

1992

23. Mario Borunda, MRCE graduate math student, during **spring 1992 to summer 1994**. Earned Ph.D. in physics at Mexico's Polytechnic Institute and is presently a professor at Juarez Autonomous University.

1991

24. A. Guarnero, "Fermi-Dirac integrals", undergraduate student supported by MRCE - UTEP, fall 1991.

25. F. D. Guzman, "Advanced Mathematica", undergraduate student, Summer 1991.

26. Arturo Revilla, "Nuclear Projectile Breakup", undergraduate student, supported by The Center for Environmental Resource Management - UTEP, for the period of October 1991 to May 1992. One acknowledgement in a conference proceedings, earned a Ph.D. student in Materials Science and Engineering in 2003.

1990

27. Jose Lozano, MS physics student, fall 1990. Earned MS and Ph.D. in materials at UTEP. Currently a professor at Bradley University.

28. Jose Ramirez, "Disassembly of Nuclear Drops", undergraduate student, supported by The Center for Environmental Resource Management - UTEP, for the period of October 1990 to May 1991.