



Ronald E. McNair Post-Baccalaureate Achievement Program

Scholars Report

1999-2008

“Nine Years of Success Stories”

The McNair Scholars Program staff is pleased to bring you this report that outlines the accomplishments of past and present scholars since 1999. In 2007, the U.S. Department of Education selected The McNair Scholars Program at UIW to continue this important educational enterprise for another four years.

2008 Research Scholars

Katherine Bateman

2nd Year McNair Mathematics Scholar

Summer 2008 topic: *The Control of Chaotic Dynamic Systems*

Summer 2007 topic: *Fractals: A History*

Presented 2008 topic at the South Texas Regional McNair Research Conference at the University of the Incarnate Word in Summer 2008.

Presented 2007 topic at the annual meeting of the Texas Section of the MAA at Tarleton State University in Spring 2008.

Presented 2007 topic at the 10th annual Texas National McNair Scholars' Research Conference at the University of North Texas in Spring 2008.

**Faculty Mentors: Dr. Zhanbo Yang, Associate Professor of Mathematics
Dr. Haoxuan Zhou, Professor of Mathematics**

Dalia Bishop

1st Year McNair Philosophy Scholar

Summer 2008 topic: *Constructing Transgender Identity: Affirming the Gender Binary on Expanding the Spectrum?*

Presented 2008 topic at the South Texas Regional McNair Research Conference at the University of the Incarnate Word in Summer 2008.

Presented 2008 topic at the 12th annual MKN Heartland Research Conference at Kansas City, M.O., in Fall 2008.

Faculty Mentor: Dr. Julie Miller, Associate Professor of Religious & Cultural Studies

Jennifer Caraway

1st Year McNair Chemistry/Mathematics Scholar

Summer 2008 topic: *Carbon-base Supercapacitor Test Cell Assembly Optimization*

Presented 2008 topic at the South Texas Regional McNair Research Conference at the University of the Incarnate Word in Summer 2008.

Presented 2008 topic at the 12th Annual MKN Heartland Research Conference at Kansas City, M.O., in Fall 2008.

Faculty Mentor: Dr. John Stankus, Assistant Professor of Chemistry

Jessica Correa

1st Year McNair Communications Art Scholar

Summer 2008 topic: *The Impact of Unactualized Gender Identity on the Exercise of Metaphysical Power by Anakin Skywalker in the Star Wars Saga*

Presented 2008 topic at the South Texas Regional McNair Research Conference at the University of the Incarnate Word in Summer 2008.

Presented 2008 topic at the 12th annual MKN Heartland Research Conference at Kansas City, MO., in Fall 2008.

Faculty Mentor: Joseph Bravo, Instructor of Art History

Eduardo Galan

1st Year McNair Business Administration Scholar

Summer 2008 topic: *Are Internships Worth It?*

Presented 2008 topic at the 9th annual South Texas Regional McNair Research Conference at the University of the Incarnate Word in Summer 2008.

Faculty Mentor: Dr. Nurşen Albayrak Zanca, Associate Professor of Economics

Theresa Galán-Bruce

1st Year McNair Psychology/Religious Studies Scholar

Summer 2008 topic: ***Risk and Protective Factors that Contribute to Homelessness among Women***

Presented 2008 topic at the South Texas Regional McNair Research Conference at the University of the Incarnate Word in Summer 2008.

Presented 2008 topic at the 12th annual MKN Heartland Research Conference at Kansas City, M.O., in Fall 2008.

Faculty Mentor: Dr. María Félix-Ortiz, Assistant Professor of Psychology

Eleonora García

1st year McNair Psychology/Biology Scholar

Summer 2008 topic: ***Hypnotizability in Mild Head Injury***

Presented 2008 topic at the South Texas Regional McNair Research Conference at the University of the Incarnate Word in Summer 2008.

Faculty Mentor: Dr. John Velasquez, Associate Professor of Psychology

Debbie Gómez

1st Year McNair Psychology Scholar

Summer 2008 topic: ***An Analysis of Physician Communication Based on Cultural Value Dimensions***

Presented 2008 topic at the South Texas Regional McNair Research Conference at the University of the Incarnate Word in Summer 2008.

Faculty Mentor: Dr. John Velasquez, Associate Professor of Psychology

Nicolas Gonzales

1st Year McNair English Scholar

Summer 2008 topic: ***Frost's Poetic Theory: The Courage of Imagining***

Presented 2008 topic at 2008 McNair Symposium at University of California Berkeley in Summer 2008.

Presented 2008 topic at the South Texas Regional McNair Research Conference at the University of the Incarnate Word in Summer 2008.

Faculty Mentor: Dr. Patricia Lonchar, Professor of English

Claudia Hernández

1st Year McNair Mathematics Scholar

Summer 2008 topic: What is the SIR Model and how is it Used in Epidemiology?

Presented 2008 topic at the South Texas Regional McNair Research Conference at the University of the Incarnate Word in Summer 2008.

**Faculty Mentors: Dr. Flor de María García-Wukovits, Assistant Professor of Mathematics
Dr. Zhanbo Yang, Associate Professor of Mathematics**

Angélica Martínez

1st Year McNair Business Scholar

Summer 2008 topic: ***Murdered Women in Latin America as a Result of Domestic Violence: A Socioeconomic Perspective***

Presented 2008 topic at the South Texas Regional McNair Research Conference at the University of the Incarnate Word in Summer 2008.

Faculty Mentor: Dr. Nurşen Alayrak Zanca, Associate Professor of Economics

Jorge Adrian Ortíz

1st Year McNair Meteorology/Mathematics Scholar

Summer 2008 topic: ***Local Climate Correlation of Precipitation and Temperature in San Antonio, Texas***

Presented 2008 topic at the South Texas Regional McNair Research Conference at the University of the Incarnate Word in Summer 2008.

Faculty Mentors: Dr. William Thomann, Professor of Environmental Science, Geology, and Meteorology

Dr. Paul F. Messina, Assistant Professor of Mathematics

Christian Ríos

3rd Year McNair Engineering Management Scholar

Summer 2008 topic: *High Altitude Airships for Weather Tracking*

Summer 2007 topic: *Smooth Ride: Superpave and the Next Generation of Asphalt Mixtures*

Presented 2008 topic at the South Texas Regional McNair Research Conference at the University of the Incarnate Word in Summer 2008.

Presented 2007 topic at the 10th annual Texas National McNair Scholars' Research Conference at the University of North Texas in Spring 2008.

Faculty Mentor: Dr. Michael Frye, Assistant Professor of Engineering, 2008

Alison Whittimore, Instructor of Engineering Management, 2007

María Robledo

2nd Year McNair Spanish Scholar

Summer 2008 topic: *Traces of Patriarchy in the Writings and Criticism of Santa Teresa de Ávila and Sor Juana Inez de la Cruz*

Summer 2007 topic: *The Representation of Women in the Poetry of Jaime Sabines*

Presented 2008 topic at the South Texas Regional McNair Research Conference at the University of the Incarnate Word in Summer 2008.

Presented 2007 topic at the 22nd National Conference on Undergraduate Research (NCUR) at Salisbury University in Salisbury, M.D., in Spring 2008.

Presented 2007 topic at the 10th annual Texas National McNair Scholars' Research Conference at the University of North Texas in Spring 2008.

Presented 2007 topic at the 13th annual McNair Research Conference at University at Buffalo in Summer 2007.

Faculty Mentor: Dr. Amalia Mondríguez, Professor of Foreign Language, 2007, 2008

Sara Salazar

1st year McNair Biology Scholar

Summer 2008 topic: *Educational Methods: The Importance of Proper Care for Diabetic Feet*

Presented 2008 topic at the South Texas Regional McNair Research Conference at the University of the Incarnate Word in Summer 2008.

Faculty Mentors: Dr. Sara Kolb, Professor of Nursing & Health Professions

Perla Zarate-Abbott, MSN, RN

Annette Etnyre, MSN, RN

Valeria Salazar

1st year McNair Psychology Scholar

Summer 2008 topic: *An Analysis of Physician Communication Based on Cultural Value Dimensions*

Presented 2008 topic at the 12th annual MKN Heartland Research Conference at Kansas City, M.O., in Fall 2008.

Presented 2008 topic at the South Texas Regional McNair Research Conference at the University of the Incarnate Word in Summer 2008.

Faculty Mentor: Dr. John Velasquez, Associate Professor of Psychology

Nora Taylor

2nd Year McNair Business Finance Scholar

Summer 2008 topic: *U.S. Hispanic Women Entrepreneurs and Microfinance: A Collaboration of Small Entrepreneur Success*

Summer 2007 topic: *Increasing Hispanic Purchasing Power: A Time Series Analysis (1981-2005)*

Presented 2008 topic at the South Texas Regional McNair Research Conference at the University of the Incarnate Word in Summer 2008.

Presented 2007 topic at the 22nd National Conference on Undergraduate Research (NCUR) at Salisbury University in Salisbury, M.D., in Spring 2008.

Presented 2007 topic at the 10th annual Texas National McNair Scholars' Research Conference at the University of North Texas in Spring 2008.

Faculty Mentor: Dr. Jack Davis, Associate Professor of Management, 2008

Dr. Nursen Albayrak Zanca, Associate Professor of Economics, 2007

Jennifer Velez

1st Year McNair Business Information Systems Scholar

Summer 2008 topic: ***The Impact of Culture, Value Systems, and Ethics on Toyota Motor Corporation and Ford Motor Company***

Presented 2008 topic at the 12th annual MKN Heartland Research Conference at Kansas City, M.O., in Fall 2008.

Faculty Mentor: Dr. Jack Davis, Associate Professor of Management

Tara Velez

1st Year McNair Religious Studies/History Scholar

Summer 2008 topic: ***The Biblical Mother From Barrenness to Birth***

Presented 2008 topic at the South Texas Regional McNair Research Conference at the University of the Incarnate Word in Summer 2008.

Faculty Mentor: Dr. Julie Miller, Associate Professor of Religious & Cultural Studies

2008 Continuing & Emerging Scholars

Sondra Albarado

1st Year McNair Music Scholar

Samantha Buentello

1st Year Nuclear Medicine/Biology Scholar

Christina Hill

1st Year McNair Nursing Scholar

Zhong Ting Lin

1st Year McNair International Business Scholar

Faculty Mentor: Sara Jackson, Assistant Professor of International Business

Nilsa Valle-Padilla

1st Year McNair Spanish Scholar

Faculty Mentor: Dr. Amalia Mondríguez, Professor of Foreign Language

Carlo Reyes

2nd Year McNair Marketing Scholar

Summer 2007 topic: ***Social Entrepreneurial Business: A Case Study of the Guadalupe Street Coffee Company***

Presented 2007 topic at the 10th annual Texas National McNair Scholars' Research Conference at the University of North Texas in Spring 2008.

Faculty Mentor: Prof. Sara Jackson, Assistant Professor of International Business

Mayra Vásquez

3rd Year McNair Spanish Scholar

Honors and awards: Outstanding use of Spanish in Service to Community

Summer 2007 topic: ***The Importance of Honor and Honra in El Poema de Mío Cid***

Faculty Mentor: Dr. Amalia Mondríguez, Professor of Foreign Language

2008 Graduate Scholars

Adriana Barrón, BA *International Business, May 2008*

Summer 2007 topic: ***Germany and E.U. Immigration: A Model for the U.S.?***

Presented 2007 topic at the 2008 National Research Conference-McNair Scholars and Undergraduate Research at the University of Maryland in Spring 2008.

Presented 2007 topic at the 12th annual Rocky Mountain McNair Research Symposium and Graduate Education Conference at Colorado State University in Fall 2007.

Faculty Mentor: Sara Jackson, Assistant Professor of International Business, 2007

Jessica Garza, BA *Meteorology, May 2008*

Summer 2007 topic: ***Cloud Seeding Effects and Processes***

Presented 2007 topic at the 2008 National Research Conference-McNair Scholars and Undergraduate Research at the University of Maryland in Spring 2008.

Presented 2007 topic at the 10th annual Texas National McNair Scholars' Research Conference at the University of North Texas in Spring 2008. Currently attending the University of Hawaii at Manoa, pursuing a master's degree in meteorology.

Faculty Mentor: Dr. William Thomann, Professor of Meteorology, 2007

Xavier Garza, BA *Psychology, May 2008*

Summer 2007: Selected by the University of North Carolina at Greensboro for an internship with Dr. Amber Tyler, a bio/psychology research scientist.

Summer 2006 topic: ***Hypnotizability Profiles of Participants with Chronic Pain***

Presented 2006 topic at the 13th annual SAEOPP/UTK McNair National Scholars Research Conference in Summer 2007, 9th annual Texas National McNair Conference at University of North Texas in Spring 2007 and at the 2006 annual Biomedical Research Conference at Anaheim, Calif., in Fall 2006. Currently attending the University of North Carolina at Greensboro pursuing master/ Ph.D. in developmental psychology.

Faculty Mentor: Dr. John Velásquez, Associate Professor of Psychology, 2006

Annie López, BA *History, May 2008*

Summer 2007 topic: ***Voices from the Past: The Story of a Mexican American Neighborhood***

Honors and awards: Phi Alpha Theta History Honor Society

Presented 2007 topic at the 22nd National Conference on Undergraduate Research (NCUR) at Salisbury University in Salisbury, M.D., in Spring 2008.

Presented 2007 topic at the 10th annual Texas National McNair Scholars Research Conference at the University of North Texas in Spring 2008.

Presented 2007 topic at the 12th annual Rocky Mountain McNair Research Symposium and Graduate Education Conference at Colorado State University in Fall 2007.

Presented 2007 topic at the 13th annual McNair Research Conference at University at Buffalo in Summer 2007. Currently attending Texas State University at San Marcos pursuing a master's in history.

Faculty Mentor: Dr. Patricia Gower, Associate Professor of History, 2007

Soraida Portales, BA *Psychology/Religious Studies, August 2008*

Summer 2007 topic: ***A Comparison of Samples in the Women's Health Journal and the Journal of Health Psychology***

Summer 2006 topic: ***Women's Health Psychology Research: Analysis of Sampling Bias***

Presented 2007 topic at the 11th annual MKN Heartland Research Conference at Kansas City, M.O., in Fall 2007.

Presented 2006 topic at the 11th annual Rocky Mountain McNair Research Symposium, Graduate Education Conference at Colorado State University in Fall 2006 and at the 2007 National Research Conference at University of Maryland Spring 2007.

Faculty Mentor: Dr. Anita Anderson, 2006, 2007

2007 Graduate Scholars

Guadalupe Aguirre, B.A. *Psychology, December 2007*

Summer 2007 topic: *Mental Retardation and the Death Penalty*

Presented 2007 topic at the 11th Annual MKN Heartland Research Conference at Kansas City, MO in Fall 2007. Currently attending Our Lady of the Lake University pursuing a degree in School Psychology.

Faculty Mentor: Dr. Roger Barnes, Professor of Anthropology/Sociology, 2007

Erica Alfaro, B.A. *Psychology/Biology, December 2007*

Summer 2007 topic: *Jamming during Social Interactions in Glass Knife Fish, Eigenmannia virescens*

Summer 2006 topic: *Hypnotizability Profiles of Participants with Chronic Pain*

Presented 2007 topic at the 11th Annual MKN Heartland Research Conference at Kansas City, MO in Fall 2007.

Presented 2007 topic at the Eight International Congress of Neuroethology at University of British Columbia in Summer 2007. Presented 2006 topic at the 9th Annual Texas National McNair Conference at University of North Texas in Spring 2007 and at the 2006 Annual Biomedical Research Conference at Anaheim, CA in Fall 2006. Currently attending the University of Houston pursuing a degree in Optometry.

Faculty Mentor: Dr. Sara Tallarovic, Assistant Professor of Biology, 2007

Dr. John Velásquez, Associate Professor of Psychology, 2006

Chanté Bacon, B.A. *Sociology, December 2007*

Currently attending Texas Women's University pursuing a Master's degree in Sociology.

Faculty Mentor: Dr. Roger Barnes, Professor of Anthropology/Sociology

Cynthia Barrón-Tevelenkov, B.A. *Psychology/Art, December 2007*

Summer 2007 topic: *Marxism and the Formalist Aesthetic*

Summer 2006 topic: *Hypnotizability Profiles of Participants with Chronic Pain*

Honors and Awards: Alpha Chi National Honor Society

Presented 2007 topic at the 11th Annual MKN Heartland Research Conference at Kansas City, MO in Fall 2007.

Presented 2006 topic at the 9th Annual Texas National McNair Conference at University of North Texas in Spring 2007 and at the 2006 Annual Biomedical Research Conference at Anaheim, CA in Fall 2006.

Currently attending Trinity University pursuing a Master's degree in School Psychology.

Faculty Mentor: Prof. Joseph Bravo, Instructor of Art History, 2007

Dr. John Velásquez, Associate Professor of Psychology, 2006

Devin Bedford, B.A. *Music Industry Studies, December 2007*

Honors and Awards: Kappa Gamma Pi, Saint Catherine's Medal for Student Achievement.

Summer 2007: Selected by Word/Warner Bros. Music in Nashville, TN, for an internship.

Summer 2007 topic: *Ripped and Revised: The Music Industry and the Legal World Response to Digital Piracy*

Presented 2007 topic at the 12th Annual Rocky Mountain McNair Research Symposium and Graduate Education Conference at Colorado State University.

Faculty Mentor: Dr. Jennifer Jones

Alexandra Bojórquez, B.A. *Political Science/Sociology, December 2007*

Summer 2006 topic: *U.S. Criminal Court Sentencing: A Matter of Race?*

Presented 2006 topic at the 9th Annual Texas National McNair Conference at University of North Texas and at the 87th Annual Meeting Southwestern Social Science Association at Albuquerque, NM in Spring 2007. Currently attending the University of Central Florida, pursuing a Master's/Ph.D. in Criminology.

Faculty Mentor: Dr. Lydia Andrade, Associate Professor of Political Science

Marissa De Anda, B.A. *English/Communication Arts, May 2007*

Summer 2006 topic: *Witches, Witchcraft, and the Witch Craze: The Dark Side of Beauty*

Summer 2005 topic: ***Blood Thirsty Revenants Biting Through the Centuries: The Transformation of Vampires from Folklore to Fiction***

Honors and Awards: Dr. Bernard C. O'Halloran Award and Alpha Chi National Honor Society, Sigma Tau Delta and Summa Cum Laude

Presented 2006 topic at the 2007 National Research Conference at University of Maryland Spring 2007.

Presented 2005 topic at the 14th Annual Ronald E. McNair Summer Research Conference at Pennsylvania State University in Summer 2006, 8th Annual Texas National McNair Conference at University of North Texas in Spring 2006, and at the 14th Annual National McNair Research Conference at Delavan, WI in Fall 2005. Currently at the University of Alabama pursuing a Master's degree in Telecommunications & Film.

Faculty Mentor: Dr. John Perry, Professor of Communication Arts/Speech, 2005, 2006

Michael Martínez, B.A. Psychology/Philosophy, May 2007

Summer 2006 topic: ***On Memory: Tracing Origins of Memory Models Theory Through Millennia From Modern Psychology to Ancient Aristotelian Philosophy***

Summer 2005 topic: ***Differential Social Perception and Attribution of Intergroup Violence: Testing the Lower Limits of Hispanic Stereotyping***

Honors and Awards: Alpha Chi National Honor Society, Alpha Lambda Delta Honor Society, National Society for Success, and Magna Cum Laude, Dr. Patrick Keating Psychology Award.

Presented 2006 topic at the 2007 Our Lady of the Lake University Psychology Conference and at the 9th Annual Texas National McNair Conference at the University of North Texas in Spring 2007. Presented

2005 topic at the 14th Annual Ronald E. McNair Summer Research Conference at Pennsylvania State University in Summer 2006, 20th Annual National Conference on Undergraduate Research at University of North Carolina in Spring 2006, and at the 4th Annual Psychology Research Colloquium in Fall 2005.

Currently at the University of Texas at Austin pursuing a Ph.D. degree in Counseling Psychology.

Faculty Mentors: Dr. Bernadette O'Connor, Associate Professor of Philosophy, 2006

Dr. Harold Rodinsky, Assistant Professor of Psychology, 2006

Dr. Lisa Lockhart, Associate Professor of Psychology, 2005

Belinda Santos, B.A. Psychology/Art, December 2007

Summer 2007 topic: ***Undocumented Hispanic Workers: Do Spanish Speakers Have Automatic In-group Status?***

Presented 2007 topic at the 12th Annual Rocky Mountain McNair Research Symposium and Graduate Education Conference at Colorado State University in Fall 2007.

Faculty Mentor: Dr. Harold Rodinsky, Assistant Professor of Psychology

Jacqueline Sotelo, B.A. Music Composition Scholar, May 2007

Summer 2006 topic: ***Female Jazz Composers from the 1920s to the Present: An Analysis of their Contributions to the Evolution of Jazz***

Summer 2005 topic: ***Dramatic Film Scoring***

Honors and Awards: UIW Jazz Ensemble and Magna Cum Laude

Presented 2005 topic at the 8th Annual Texas National McNair Conference at University of North Texas in and at the 2006 National Research Conference at University of Maryland in Spring 2006. Currently attending the University of North Texas pursuing a Master's degree in Jazz Studies with a focus on Jazz Voice.

Faculty Mentors: Dr. Kenneth Metz, Associate Professor of Music, 2005, 2006

Prof. James Waller, Instructor of Music Industries, 2006

Erika Valdez, B.B.A. International Business, May 2007

Summer 2006 topic: ***Africa's Ongoing Debt Crisis***

Honors and Awards: Outstanding Economic Student in Business Administration

Presented 2007 topic at the 21st National Conference on Undergraduate Research at the Dominican University of California and at the 9th Annual Texas National McNair Conference at University of North Texas in Spring 2007. Currently at the University of the Incarnate Word pursuing a Master's in Business Administration.

Faculty Mentor: Dr. Nurşen Albayrak Zanca, Associate Professor of Economics

María Eugenia Zolezzi, B.A. Psychology, May 2007

Summer 2006 topic: ***Hypnotizability Profiles of Participants with Chronic Pain***

Honors and Awards: Cum Laude

Presented 2006 topic at the 9th Annual Texas National McNair Conference at University of North Texas in Spring 2007 and at the 2006 Annual Biomedical Research Conference at Anaheim, CA in Fall 2006. Currently at the University of Texas at San Antonio pursuing a Master's in Counseling Psychology.
Faculty Mentor: Dr. John Velásquez, Associate Professor of Psychology

2006 Graduate Scholars

Tande Babb, B.B.A. *International Business, December 2006*

Summer 2006 topic: *Population Ageing and Dependency: United States and Japan*

Faculty Mentor: Prof. Sara Jackson, Assistant Professor of International Business

Mayra Carbajal, B.A. *Psychology, May 2006*

Summer 2005 topic: *Parental Care (Home-based Care) Versus Preschool Care: The Impact on the Kindergarten Year*

Currently at Our Lady of the Lake University pursuing a Master's degree in Organizational Management.

Faculty Mentor: Dr. Lisa Uribe-Kozlovsky

Desarae Davila, B.A. *Psychology Scholar, December 2006*

Faculty Mentor: Dr. Lisa Lockhart, Associate Professor of Psychology

Diego de la Maza, B.A. *Business, May 2006*

Summer 2005 topic: *Advertising Successfully to the Hispanic Market*

Currently at Antioch University-Santa Barbara pursuing a Master's of Arts in Organizational Management.

Faculty Mentor: Dr. Michael Mulnix

David DeRouen, B.S. *Biology Scholar, December 2006*

Summer 2006 topic: *Who Wears the Pants: Dominance Hierarchy in Female Brown Ghost Knife fish, *Apteronotus leptorhynchus**

Summer 2005 topic: *Underground Spring Contribution to the San Antonio River at Various Levels of the Edwards Aquifer*

Summer 2004 topic: *A Divergent Approach for Improving Critical Thinking Skills in Nursing*

Currently attending the University of Texas at San Antonio pursuing a Master's of Education degree in Educational Leadership and Policy Studies and Higher Education Administration.

Faculty Mentors: Dr. Sara Tallarovic, Assistant Professor of Biology, 2006

Dr. Bonnie McCormick, Associate Professor of Biology, 2004, 2005

Christina Harrison, B.A. *Theatre Arts Scholar, December 2006*

Summer 2005 topic: *Envisioning a Stage Design for the Refugee Act*

Faculty Mentor: Dr. Patricia Lonchar, Professor of English

Christina Mendez, B.A. *Music Industry Studies, December 2006*

Summer 2006 topic: *Concert Ticket Dynamics: Exploring Purchasing Relationships in the San Antonio Market*

Summer 2005 topic: *The Affects of Mass Merchandising of Music in San Antonio*

Currently attending The New School in New York City pursuing a Master's degree in Media Studies.

Faculty Mentors: Dr. Absael Antelo, Associate Professor of Education, 2006

Dr. Esmeralda de los Santos, Professor of Marketing, 2005

Landon Mitchell, B.A. *Engineering Management Scholar, December 2006*

Senior Project 2006 topic: *An Evaluation of the Engineering Properties of the UIW Footbridge for Soil and Structural Analysis*

Summer 2005 topic: *An Evaluation of Urban Development Around Sports Stadiums: Investigating the Cultural and Social Impact*

Summer 2004 topic: *An Analysis of Construction of the Alamodome Super Arena: Assessing the Economic Impact on Local Relations*

Faculty Mentor: Prof. Alison Whittlemore, Instructor of Engineering Management, 2004, 2005, 2006

Daniela Oliveira, B.S. Environmental Science Scholar, December, 2006

Summer 2006 topic: *Thermal Inactivation of Escherichia coli O157:H7 in Ground Beef using Plant Derived Antimicrobials*

Summer 2005 topic: *Soil Nutrient Study along the Blue Hole Creek*

Currently attending the University of Houston pursuing a law degree in the energy and environmental program.

Faculty Mentors: Dr. Brian McBurnett, Associate Professor of Chemistry, 2006

Dr. William Thomann, Professor of Environmental Science, 2005

Melissa Pabón, B.A. English Scholar, December, 2006

Summer 2006 topic: *Applications for C.S. Lewis' "The Lion, the Witch, and the Wardrobe" in Secondary English Classes*

Summer 2005 topic: *The Representation of Curanderismo in Selected Mexican American Works*

Currently enrolled at Concordia University pursuing a Master's degree in Literacy Instruction.

Faculty Mentors: Dr. Patricia Lonchar, Professor of English, 2006

Dr. Hector Pérez, Associate Professor of English, 2005

Ronique Pleasant, B.S. Biology, May 2006

Summer 2005 topic: *Professional Assessment of Anterior Cruciate Ligament Tears in Female Athletes*

Summer 2004 topic: *Anterior Cruciate Ligament Tears in Female Athletes*

Currently at Texas Women's University pursuing a Master's degree in Kinesiology.

Faculty Mentor: Prof. Benjamin McPherson, Instructor of Biology, 2004, 2005

Erin Reed-Martínez, B.A. Early Childhood Education Scholar, December 2006

Summer 2006 topic: *Recess: Is this an Outdated Concept?*

Faculty Mentor: Dr. Mary Ruth Moore, Professor of Early Childhood Education

Jodie Stout, B.A. Music Industry, May 2006

Summer 2004 topic: *Cause and Effect of Religious Music in Today's Society*

Faculty Mentor: Prof. Ronald Wilkins

2005 Graduate Scholars

Yesenia Alcalá, B.A. Psychology, December 2005; MBA December 2007 University of the Incarnate Word

Summer 2005 topic: *The North American Free Trade Agreement (NAFTA) and the Indirect Effects on the State of Chiapas, Mexico*

Faculty Mentor: Prof. Sara Jackson, Assistant Professor of International Business

Kimberly Castañón, B.A. Communication Arts, May 2005; M.F.A., Creative Writing, May 2008, Naropa University

Summer 2004 topic: *The Portrayal of Women in Advertising*

Faculty Mentor: Prof. Dora Fitzgerald, Instructor of Communication Arts

Natalie García, B.S. Nuclear Medicine, December 2005

Summer 2004 topic: *Systematic Lupus Erythematosus (SLE) and its Affects on the Nervous System*

Faculty Mentor: Prof. Benjamin McPherson, Instructor of Biology

Veronica Estrada, B.A. Psychology, December 2005

Summer 2004 topic: *Health Disparities with Type I Diabetes in Relation to Economic and Environmental Conditions*

Currently enrolled at Texas Tech University pursuing a Master's degree in Public Administration.

Faculty Mentor: Dr. John Velásquez, Associate Professor of Psychology

Luis San Román, B.A. Mathematics, December 2005

Summer 2005 topic: *Euclid's Fifth Postulate: The Unproven Accepted Postulate*

Faculty Mentor: Dr. Elizabeth Kreston-Schlitt, Assistant Professor of Mathematics

Mary C. Ruiz-Guerrero, B.A. *English, December 2005*

Summer 2005 topic: *San Antonio Area Teachers' Level of Satisfaction with English Language Learner Support*

Summer 2004 topic: *Mirror Images and Fragmentation in Flannery O'Connor's "Wise Blood"*

Faculty Mentors: Dr. Susan Hall, Professor of Education, 2005

Dr. Patricia Lonchar, Professor of English, 2004

Sonia López-Tapia, B.A. *English, May 2005*

Summer 2004 topic: *A Study of Hispanic Women Upon Returning Home from College*

Summer 2003 topic: *The Perception of San Antonio Dialects Among Adult Immigrant L2 Learners*

Faculty Mentors: Dr. Francis Musa Boakari, Professor of Education, 2004

Dr. Carrie Taylor-Hamilton, 2003

2004 Graduate Scholars

Robert Chris Anzaldúa, B.A. *English, December 2004*

Summer 2004 topic: *More than Words: An Exploratory of Process of Writing Fiction*

Summer 2003 research topic: *The Hero With a Thousand Faces: Post Mallory Arthuriana*

Faculty Mentor: Dr. Patricia Lonchar, Professor of English, 2003, 2004

Enjoli Benítez, B.A./B.S. *Music/Biology, May 2004; M.S., Public Health, University of Houston, 2006*

Summer 2003 topic: *Music Wellness: A Study for Organists*

Currently a third year medical student at the University of Houston.

Faculty Mentors: Dr. Cyndi Porter

Dr. Tamara Schmiede

Prof. Benjamin McPherson, Instructor of Biology

Jessica C. García, B.A. *Psychology, December 2004*

Summer 2003 topic: *The Hypnotizability of Patients with Chronic Back Pain*

Faculty Mentor: Dr. John Velásquez, Associate Professor of Psychology

Elizabeth Garza-Méndez, B.A. *Sociology, December 2004*

Summer 2004 topic: *Health Disparities with Type I Diabetes in Relation to Economic and Environmental Conditions*

Faculty Mentor: Dr. John Velásquez, Associate Professor of Psychology

Mary Gonzales-Gilley, B.A. *Native American Studies/Art, May 2004*

Summer 2003 topic: *Native American Art and Military Service: Assimilation or Affirmation*

Faculty Mentor: Prof. Miguel Cortinas, Assistant Professor of Art

Rafael Gonzales, B.S. *Biology, May 2004*

Summer 2003 topic: *An Analysis of Wastewater Treatment Processes: Evaluating Ammonia-Nitrogen, E. coli, Total Suspended Solids, and Trihalomethanes*

Faculty Mentors: Dr. Edward González, Associate Professor of Chemistry

Dr. Alakananda Chaudhuri, Associate Professor of Chemistry

Julián González, B.A. *Psychology, May 2004*

Summer 2003 topic: *Recent Trends in Theoretical Orientations of Academic Psychologists in Clinical and Counseling Psychology Doctoral Programs*

Currently pursuing a Master's in Counseling Psychology at University of Texas at San Antonio.

Faculty Mentor: Dr. Michael Gaubatz

Richard Guerra, B.A. *Theatre Arts, December 2004; M.A. Liberal Studies, St. Edward's University December 2007*

Summer 2004 topic: *Culture: Progress: Simulacrum: Theatre*

Summer 2003 topic: *The Bonfire: An Original Script that is Rooted in the Combination of the Theories of Antonin Artaud and Jerzy Grotowski*

Faculty Mentors: Dr. Paul Lewis, Associate Professor of Philosophy, 2004
Dr. Patricia Lonchar, Professor of English, 2003

Ann Marie Hernández-Dyachenko, B.A. *Psychology, May 2004*

Summer 2003 topic: *The Hypnotizability of Patients with Chronic Back Pain*

Currently enrolled in the Ph.D. program in Clinical Psychology at Indiana University-Purdue University Indianapolis (IUPUI).

Faculty Mentor: Dr. John Velásquez, Associate Professor of Psychology

Eloy Hernández, B.A. *Biology, December 2004; M.S. Health Care Management, Ohio State University, June 2007*

Summer 2004 topic: *The Effects of Cloning on the Health Care Industry*

Summer 2003 topic: *An Analysis of Wastewater Treatment Processes: Evaluating Ammonia-Nitrogen, E. coli, Total Suspended Solids, and Trihalomethanes*

Faculty Mentors: Dr. Dan Domínguez, Associate Professor of Business, 2004
Dr. Edward González, Associate Professor of Chemistry, 2003
Dr. Alakananda Chaudhuri, Associate Professor of Chemistry, 2003

Mindy Hernández, B.S.N. *Nursing, December 2004*

Summer 2004 topic: *Observational Study of Healthcare Workers' Hand Washing Hygiene with Survey*

Summer 2003 topic: *Obesity in Children*

Summer 2002 topic: *The Use of Alternative Therapies among Hispanics*

Faculty Mentor: Dr. Sara Kolb, Professor of Nursing, 2002, 2003, 2004

Amanda Lawrence, B.A. *English, May 2004*

Summer 2003 topic: *Dramaturgy and the Dream: Occult and Folklore in Production of "A Midsummer Night's Dream"*

Faculty Mentor: Dr. Robert Ball, Associate Professor of Theatre Arts

Saqualya Lockhart, B.A. *Psychology, May 2004; M.S. Clinical Community Counseling, Johns Hopkins University, May 2007*

Summer 2003 topic: *The Perception of Probation Officers Regarding Mental Health Among Adolescents in the Juvenile Justice System*

Summer 2002 topic: *African-American Youth in the Juvenile Justice System and Mental Health*

Faculty Mentors: Dr. Frances Musa Boakari, Professor of Education, 2003
Dr. Timothy Zeddies, 2002

Erica López, B.S. *Nutrition, May 2004; M.S., Nutrition, Texas A&M-Kingsville, 2006*

Summer 2003 topic: *The History and Prevention of Diabetes and the Revision of the Mexican American Exchange*

Faculty Mentor: Dr. Joseph Bonilla, Associate Professor of Nutrition

Tracy Naranjo, B.A. *Communication Arts, 2004*

Faculty Mentor: Dr. John Perry, Professor of Communication Arts/Speech

Burgundy Rodríguez, B.A. *Music Industries, December 2004*

Summer 2002 topic: *Rock Music Effects on the Expression of Human Sexuality*

Faculty Mentor: Dr. Janice Dvorkin, Associate Professor of Music

Iris Royal, B.A. *Mathematics, May 2004; M.Ed., Mathematics, New Mexico State University, 2006*

Summer 2001 topic: *Sputnik 1957 and TIMSS Report 1999: Danger or Opportunity*

Summer 2003 topic: *History of Linear Algebra Application: The Development of Determinants*

Currently enrolled in the Master's program in Teaching Math and Science at Texas Women's University.

Faculty Mentor: Dr. Reginald Traylor, 2001

Grace Sherman, B.A. *Sociology, December 2004; M.A. Sociology, Ohio State University September 2007*

Summer 2004 topic: *Gender Differences in Using Alcohol as an Excuse for Violent Behavior*

Summer 2003 topic: *Dave Grossman's On Killing: The Psychological Cost of Learning in War and Society*

Faculty Mentors: Dr. Clifford Broman, Michigan State University, 2004

Dr. Roger Barnes, Professor of Sociology, 2003

Ben Tolleson, B.A. *Psychology/Religious Studies, December 2004*

Summer 2004 topic: *Humility and Traditional Religious Sources, Popular Psychology Literature, and Empirical and Theoretical Psychology*

Currently attending the University of North Texas pursuing a Master of Science in Applied Sociology.

Faculty Mentor: Dr. Douglas Gilmour, Associate Professor of Philosophy

2003 Graduate Scholars

Kathy Dial, B.S. *Chemistry, 2003*

Summer 2003 topic: *An Analysis of Wastewater Treatment Processes: Evaluating Ammonia-Nitrogen, E. coli, Total Suspended Solids, and Trihalomethanes*

Summer 2002 topic: *Effects of Professional Development of University Faculty on Pedagogical Content Knowledge and Student Learning*

Currently attending Texas Tech University pursuing a Master of Science in Chemistry

Faculty Mentors: Dr. Edward González, Associate Professor of Chemistry, 2003

Dr. Alakananda Chaudhuri, Associate Professor of Chemistry, 2003

Dr. Christy MacKinnon, Professor of Biology, 2002

Jessica M. García, B.A. *Communication Arts, 2003*

Summer 2001 topic: *The Dehumanization of Women in Mainstream Advertising: How Women's Images in Advertising Affect Men's Attitudes Towards Rape Myths and Violence Against Women*

Summer 2002 topic: *Rumors, Whispers and Evil Glances: How Being the Target of Female Aggression While in School Affects a Woman's Interpersonal Relationships as an Adult*

Faculty Mentor: Dr. Julie Miller, Associate Professor of Religious Studies, 2001, 2002

Carla Guerrero-Van Winkle, B.S. *Mathematics, 2003; MAT Education, University of Incarnate Word, August 2008*

Summer 2002 topic: *A Numerical Analysis of Pattern, Change, and Their Consequences in Bach's Prelude in C Major*

Faculty Mentor: Dr. Kenneth Metz, Associate Professor of Music

Georgina Hernández, B.A. *Psychology, 2003; MAT Education, Texas A&M International, December 2007*

Summer 2002 topic: *Evaluation and Assessment of the Effectiveness of Tutoring, Mentoring, and Parent Training on Academic Achievement*

Faculty Mentor: Dr. John Velásquez, Associate Professor of Psychology

Carolina Ruiz, B.A. *English/Religious Studies, 2003; M.A., English, UIW, 2006*

Summer 2002 topic: *Discovering and Reclaiming Our Voice: An Exploration of Voice and Silence*

Faculty Mentor: Dr. Patricia Lonchar, Professor of English

Cynthia Salinas, B.A. *Psychology, 2003*

Summer 2002 topic: *Evaluation and Assessment of the Effectiveness of Tutoring, Mentoring, and Parent Training on Academic Achievement*

Faculty Mentor: Dr. John M. Velásquez, Associate Professor of Psychology

Dwain Smith, B.A. *Communication Arts, 2003; M.F.A., Film Production/Direction, UT-Austin, 2006*

Summer 2001 topic: *Conscious and Subconscious Impact of Film: Bridges—an Independent Work*
Summer 2002 topic: *Culture, Race, and Controversy in Spike Lee Discourse: A Video Documentary Treatment*

Faculty Mentors: **Dr. Patricia Lonchar, Professor of English, 2001**
Prof. Dora Fitzgerald, Instructor of Communication Arts, 2002

Tracy Stone, B.S.N. Nursing, 2003

Summer 2001 topic: *The Concerns-Based Adoption Model: An In-depth Look at Individual Patterns of Concern Among Parents*

Summer 2002 topic: *Evaluating Lifestyle Management Concerns Among Persons with Hypertension*

Faculty Mentor: **Dr. Sara Kolb, Professor of Nursing, 2001, 2002**

Kelly Thurmond, B.A. Music Industries, 2003; M.M., Music History & Literature at Texas State University-San Marcos, August 2007

Summer 2002 topic: *A Comparative Study of African Tribal Music and African-American Spirituals Associated with Death and Dying*

Faculty Mentor: **Prof. William Gokelman, Professor of Music**

2002 Graduate Scholars

Arveitta (Vickey) Edge, B.S. Biology, 2002; M.A. Biology, UIW, 2004

Summer 2001 topic: *Spatial Distribution of Neotoma micropus in South Texas: A Key Mechanism for the Dispersal of Leishmania Mexicana*

Currently a 4th year medical student at the University of Houston.

Faculty Mentor: **Dr. Sara Kerr, Professor of Biology**

Selene Mena-Fernández, B.S. Chemistry, 2002; M.S. Environmental Science, UTSA, 2005

Summer 2002 topic: *Redox State in Aging Process*

Currently in the Ph.D. program in Water Soil & Environment at the University of Arizona.

Faculty Mentor: **Dr. Alakananda Chaudhuri, Associate Professor of Chemistry**

Kristina Hunter, B.A. Psychology, 2002

Summer topic: *Creation of a Rationale for the Evaluation of Cultural Competence in a Family Practice Setting*

Faculty Mentor: **Dr. John Velásquez, Associate Professor of Psychology**

Cathy Jones, B.A. Psychology of Organizations and Development, 2002; M.Ed., Adult Education, UIW, 2005

Summer 2000 topic: *Entrepreneurial Change in a Diverse Postsecondary Environment with a Global Perspective*

Currently pursuing a Ph.D. in Education-School Improvement at Texas State University in San Marcos.

Faculty Mentor: **Dr. Annette Craven, Associate Professor of Business**

Lizelda Lazo, B.A. Communication Arts, 2002

Summer 2001 topic: *Nonverbal Communication: Meaning and Substance*

Faculty Mentor: **Dr. John Perry, Professor of Communication Arts/Speech**

Diana Meneses, B.A. History, 2002; M.A. History, Arizona State University, 2004

Summer 2001 topic: *A Comprehensive Study of San Antonio River and its Headwaters at the University of the Incarnate Word*

Currently enrolled in the Ph.D. History program at ASU.

Faculty Mentor: **Dr. Moumin Quazi**

Sarita Molinar-Bertinato, B.A. Sociology, 2002; M.A. Criminal Justice, Boston University, 2005

Summer 2001 topic: *Robert K. Merton's Anomie Theory: The Application of Ritualism in Everyday Societal Relationship*

Currently pursuing a Ph.D. degree in Sociology at Texas A&M University.

Faculty Mentor: **Dr. Roger Barnes, Professor of Sociology/Anthropology**

John Naranjo, B.B.A. *Business Administration, 2002*

Summer 2002 topic: *Accounting Disclosures in Environmental Related Liabilities*

Faculty Mentor: Professor Henry Elrod, Assistant Professor of Accounting

Verónica Ortega, B.A. *English/Religious Studies, 2002*

Summer 2000 topic: *The Later Works of María Izquierdo and Surrealism*

Faculty Mentor: Art Faculty

Mario Porter, B.A. *Religious Studies, 2002; M.A., English at Our Lady of the Lake University*

Summer 2000 topic: *A Literary Reading/Criticism of John 6:1-15.*

Faculty Mentor: Dr. Francisco Lozada

Marcela Ramírez-Rodríguez, B.A. *Sociology, 2002*

Summer 2001 topic: *Labor Union as a Social Movement: The Workers Alliance in San Antonio Under the Leadership of Emma Tenayuca*

Faculty Mentor: Dr. Roger Barnes, Professor of Sociology/Anthropology

Vanessa Ramírez, B.S. *Biology, 2002; M.S., Pharmacology, University of Houston, 2006*

Summer 2000 topic: *Function of the T7 RNA Polymerase*

Summer 2001 topic: *PCR Analysis of Kinetoplast DNA of Leishmania Mexicana*

Faculty Mentors: Dr. Christy MacKinnon, Professor of Biology, 2001

Dr. Jana Villemain, 2000

Candy Wilson-Magee, B.A. *Art, 2002; M.A.T., Education, UIW, 2006*

Summer 2000 topic: *Indicating Preferences: The Response of a Child with Autistic Features to Art Therapy Media*

Faculty Mentors: Sr. Martha Ann Kirk, Professor of Religious Studies

Ms. Catherine Causay, M.S., Art Therapy

John Corrola, B.A. *Communications, 2002*

Faculty Mentor: Dr. Valerie Greenburg

2001 Graduate Scholars

Roger Brooks, B.A. *Psychology, 2001; M.A. Psychology, University of Notre Dame, 2005, 2006*

Summer 2000 topic: *Multicultural Analysis of Physician/Patient Communication at the Family Practice Center (Waco, Texas)*

Currently pursuing Ph.D. in Clinical Psychology at the University of Notre Dame.

Faculty Mentor: Dr. John Velásquez, Associate Professor of Psychology

Sonia Hernández, B.B.A. *Business Administration, 2001*

Summer 2000 topic: *Hospitality Industry: Linking Business Philosophy and Organizational Community*

Faculty Mentor: Dr. Randall Bowden

Shalama Jackson, B.A. *Communication Arts, 2001; M.A. Journalism, Texas State University-San Marcos, 2003*

Summer topic 2001: *Indigenous Marketing: An Investigation of the Marketing Practices of Indigenous People in Latin America in the Area of Folk Art*

Faculty Mentor: Dr. Esmeralda de los Santos, Professor of Marketing

Arnulfo Maldonado, B.A. *Communication Arts, 2001; M.F.A., New York University, 2005*

Summer 2000 topic: *The History of Stage Design: Ancient Greek Theatre*

Summer 2001 topic: *Action Design: Stylistic Variation or Revolution in Design?*

Faculty Mentors: Dr. Robert Ball, Associate Professor of Theatre Arts, 2001

Prof. Margaret Mitchell, Professor of Theatre Arts, 2000

Jason Olivarri, B.A., *Communication Arts, 2001; M.A., Communication Arts, UIW, 2003*

Summer 2000 topic: *Radical Discourse, Social Activism and Media Technologies*

Faculty Mentor: Dr. Héctor Pérez, Associate Professor of English

Rhonda Vogt, B.A. *Biology, 2001; M.S., Biology, UTSA, 2004*

Summer 2000 topic: *Kinetoplast DNA Isolation of Leishmania Mexicana Promastigotes*

Faculty Mentor: Dr. Christy MacKinnon, Professor of Biology

2000 Graduate Scholars

Janet Horton, B.S. *Biology, 2000*

Summer 2000 topic: *Leishmaniasis Spread and Control Within Human Population in the United States*

Faculty Mentor: Dr. Christy MacKinnon, Professor of Biology

Melissa Maldonado, B.A. *Psychology, 2000 ; M.A., Clinical Psychology, St. Mary's University, 2007*

Summer 2000 topic: *Multicultural Analysis of Physician/Patient Communication at the Family Practice Center (Waco, Texas)*

Faculty Mentor: Dr. John Velásquez, Associate Professor of Psychology

Stephanie Mitchell, B.A. *Psychology of Organizations and Development, 2000; M.B.A., University of Phoenix, 2007*

Summer 2000 topic: *Organizational Structure and Development of Post-Secondary Academic Institutions*

Faculty Mentor: Dr. Annette Craven, Associate Professor of Business

Valerie Sánchez-Segura, B.A. *Psychology, 2000; M.A., Educational Psychology, TX State University-San Marcos, 2006*

Summer 2000 topic: *Multicultural Analysis of Physician/Patient Communication at the Family Practice Center (Waco, Texas)*

Faculty Mentor: Dr. John Velásquez, Associate Professor of Psychology

Tara Tovar-Vidales, B.S., *Biology, 2000; M.S., Biology, UNTHSC, 2004; Ph.D., Biology, UNTHSC, August 2008*

Summer 2000 topic: *DNA Topoisomerases in Breast Cancer*

Faculty Mentor: Dr. Paul Foglesong, Associate Professor of Biology

Linda Villa-Thornton, B.A. *Psychology, 2000*

Summer 2000 topic: *Multicultural Analysis of Physician/Patient Communication at the Family Practice Center (Waco, Texas)*

Faculty Mentor: Dr. John Velásquez, Associate Professor of Psychology