

**H. Richard Tachia, Ph.D.**  
**Associate Professor and**  
**Graduate Program Director**  
**Department of Administration of Justice**  
**Barbara Jordan-Mickey Leland School of Public Affairs**  
**Texas Southern University**  
3100 Cleburne St  
Houston TX 77004-4501  
*Phone (713)313- 7011 ext 4021*

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***EDUCATION***

- Ph.D.** Statistics (1993)  
Oklahoma State University, Stillwater, Oklahoma.  
**Dissertation Title:** *The Predictive Discrimination of Autoregressive Time Series with Unknown Order.*
- M.S.** Statistics (1983)  
Iowa State University, Ames, Iowa.  
**Title:** *The Economic Design of Control Charts.*
- B.S.** Statistics, University of Nigeria, Nsukka. (1978)

***PROFESSIONAL EXPERIENCE***

Sept 2010 – Present

**Graduate Program Director**

Dept of Administration of Justice,  
Texas Southern University, Houston, Texas.

Manage MS and PhD degree programs including program development and review, graduate student admissions, course scheduling, etc.

January 2007 – Present

**Associate Professor and**

Dept of Administration of Justice,  
Texas Southern University, Houston, Texas.

Teach BS, MS, and PhD courses; conduct research; write grants; provide service to Dept, College, University, and Community.

August 2003 – December 2006

**Associate Professor**

Dept of Justice Studies

College of Juvenile Justice and Psychology, Prairie View A&M University, Prairie View, TX

Teach undergraduate and Ph.D. statistics courses; research, and service.

August 2000 - July 2003

**Assistant Dean**

School of Juvenile Justice and Psychology, Prairie View A&M University, Prairie View, TX.

Prepare and monitor budgets; supervise Coordinators of Ph.D., MS, and BS programs; liaise with other Colleges, Schools and Universities; teach two (2) Ph.D. statistics courses; helped design admission criteria for MS and Ph.D. programs; designed curricula for Ph.D. courses in Statistics and Research Methods.

June 1998 - July 2000

**Statistician and Associate Professor of Statistics**

School of Juvenile Justice and Psychology, Prairie View A&M University, Prairie View, TX. Teach graduate courses in Statistics and Statistical Computing. Conduct statistical analysis of data from the study of youth involvement in drugs, alcohol violence and other problem behaviors; design statistical experiments for data collection for the study of adolescent and pre-adolescent violence, delinquency, and

involvement in alcohol and substance abuse. Construct evaluation designs for assessing the efficacy of prevention/ intervention programs; assist in choice of instruments for data collection; analyze and interpret evaluation data; write evaluation reports.

August, 1989 - May, 1998

**Assistant Professor of Statistics**

Division of Business and Economics, Wilberforce, Ohio. Teach courses in Statistics, Management Science, and Production Management; conduct research in Statistics and Quantitative Business Methods.

October, 1997 - May, 1998

**Research Statistician & Assistant Evaluator**

Central State University, Wilberforce, Ohio. Family and Community Violence Prevention (FCVP) Program involving 19 Historically Black Colleges and Universities (HBCU), a Cooperative Agreement Between the Office of Health and Central State University (1997-2000), Wilberforce, Ohio. Design statistical experiments for data collection for the study of adolescent and pre-adolescent violence, delinquency, and involvement in alcohol and illegal substance abuse. Construct evaluation designs for assessing the efficacy of prevention/ intervention programs; assist in choice of instruments for data collection; analyze and interpret evaluation data; write periodic evaluation reports; provide technical assistance to local evaluators in each of the 19 institutions.

September, 1996 - September, 1997

**Statistical Consultant**

“A Series of HBCU Models to Prevent Minority Male Violence” (a Consortium of 19 Historically Black Colleges and Universities (HBCU)), Central State University, Wilberforce, Ohio. Analyzed data on minority juvenile violence; Periodic report writing and presentation.

June, 1995 - August, 1996

**Research Associate/Statistician**

Violence, Alcohol and Drug (VAD) Research Center, Central State University, Wilberforce, Ohio. Conducted statistical analysis of data on juvenile violence and involvement in alcohol and drugs; wrote and presented periodic reports; produced research manuscripts for publication in professional journals.

March, 1993 - May, 1995

**Research Faculty**

Wilberforce University. Conducted research in Molecular and Mathematical Modeling for National Aeronautics and Space Administration (NASA).

June 1 - August 15, 1993

**Research Scientist**

National Aeronautics and Space Administration (NASA) Lewis Research Center, Cleveland, Ohio. Conducted research in Molecular Modeling.

September, 1987 - June, 1989

**Instructor of Mathematics**

Department of Mathematics and Computer Science, Central State University,

Wilberforce, Ohio. Taught Calculus, College Algebra, Technical Mathematics, and Pre- College Mathematics Courses.

August, 1984 - May, 1987

**Research Assistant**

Department of Statistics, Oklahoma State University, Stillwater, Oklahoma. Conducted research in Sequential Analysis, Time Series Analysis, Discriminant Analysis. Wrote extensive computer programs in Vax Fortran and in SAS for simulation studies on the main frame. Taught Statistical Laboratories that helped bridge statistical theory and practice.

## PROFESSIONAL MEMBERSHIPS

Academy of Criminal Justice Sciences  
American Society of Criminology  
American Statistical Association  
Institute of Mathematical Statistics  
Decision Sciences Institute

## PH.D. DISSERTATION SUPERVISION EXPERIENCE

Member of several MS Thesis and Ph.D. Dissertation Committees, and chaired the following:

Chair, Danny Pirtle's Ph.D. Dissertation Committee. "The Role of Placement in the Reduction of Juvenile female Recidivism," 2007.

Chair, Tracy Andrus' Ph.D. Dissertation Committee. "Poverty and Crime in America," 2005.

## PUBLICATIONS

Rodney, H. E., **Tachia, H. R.** (2004). "Over-representation of Minorities in the Juvenile Justice System," Federal Probation: A Journal of Correctional Philosophy and Practice, 68(3),44-48.

Rodney, H. E., **Tachia, H. R.**, Walters, N. (2003). "Over-representation of Minorities in the Juvenile Justice System," Texas Probation,

Tachia, H. R. (1992). "The Stochastic Discrimination of Time Series: A Comparative Study," Unpublished Manuscript from research funded by the Lilly Foundation.

**Tachia, H. R.** (1993). "The Time Domain Discrimination of Time Series," The Ohio Journal of Science, Vol. 93.

**Tachia, H. R.** (1993 ). "CIBER, Center for International Business Education and Research," Wilberforce University, Wilberforce, Ohio.

**Tachia, H. R.** (1992). "Statistical Quality Control in College Teaching," Business and Economic Digest, Vol. 1(1).

Rodney, H. E., **Tachia, H. R.** and Rodney, L. W. (1997a). "The Effect of Family and Social Support on Feelings and Past Acts of Violence Among African-American College Males." Journal of American College Health, 46(3), 103-108.

Rodney, E., **Tachia, H.** & Rodney, L. (1997b). Comprehensive Family Assessment: Factors Impacting Violence. Research Monograph, Vol I. Information Clearing House, Minority Male Consortium, Central State University, Wilberforce, OH.

Rodney, E., **Tachia, H.** & Rodney, L. (1997c). Comprehensive Family Assessment: Factors Impacting Violence. Research Monograph, Vol II. Information Clearing House, Minority Male Consortium, Central State University, Wilberforce, OH.

Rodney, E., **Tachia, H.** & Rodney, L. (1998). Comprehensive Family Assessment: Factors Impacting Violence. Research Monograph, Vol III. Information Clearing House, Minority Male Consortium, Central State University, Wilberforce, OH.

Rodney, H. E., **Tachia, H. R.** and Rodney, L. W. (1999). "The Relationship Between the Home Environment and Conduct Disorder Among African-American Adolescents," Families in Society: The Journal of Contemporary Human Services, 80(6), 551-559.

Rodney, H. E., **Tachia, H. R.** and Rodney, L. W. (1999). "Counter-Stereotypical Impulsivity and Violence Among

African American College Men,” *Current Psychology: Developmental, Learning, Personality, Social*, 18(3),301-309.

### **PRESENTATIONS**

“Perspectives On Terrorism In Nigeria,” presented at the Annual Conference of the Academy of Criminal Justice Sciences, New York, NY, 2012.

“The Economics of Coltan Mining As Threat To African And Global Security,” presented at the Annual Conference of the Academy of Criminal Justice Sciences, San Diego, CA, 2010.

“The Paucity of Information and Data in the African Prison Systems,” presented at the Annual Conference of the Academy of Criminal Justice Sciences, Boston, MA, 2009.

“A Survey of Databases on Environmental Criminology and the African Ivory,” presented at the Annual Conference of American Society of Criminology, Atlanta, GA, 2008.

“Methodological Issues in African Criminology,” presented at the Annual Conference of American Society of Criminology, St Louis, MO, 2008.

“The Predictive Discrimination of an Autoregressive Time Series,” presented at the Annual Conference of the American Statistical Association, Dallas, Texas, 1987.

“Research Activities of the Minority Male Consortium.” A progress report presented at the 3<sup>rd</sup> National Advisory Council of the Minority Male Consortium, Houston, Texas, Feb 1996.  
TACHIA / Presentations Cont.

“Evaluation and Statistical Analysis of the Family Center Data.” Presented at the Technical/ Administrative Workshop of the Family and Community Violence Prevention Program, Rockville, Maryland, December 1997.

“Evaluation Issues for Family Life Center Evaluators.” Presented at the Technical Workshop of the Family and Community Violence Prevention Program, Washington, DC, April 1998.

“Data Collection and Analysis.” Presented at the Technical Workshop of the Family and Community Violence Prevention Program, Washington, DC, April 1998.

“Evaluation of Pre-test Information.” Presented at the Technical Workshop of the Family and Community Violence Prevention Program, Washington, DC, August 1998.

“An Examination of Processing Decisions in the Juvenile Justice System.” Presented at the 5<sup>th</sup> National Conference of the Family and Community Violence Prevention Program, Los Angeles, California, April 2001.

“A Progress Report on the study of Minority Over-representation in three rural Counties in Texas.” Presented to Juvenile Probation Officers of Austin, Grimes, and Waller, February 2002.

“Strategies for Implementing Texas House Bill 1118.” Presented at meeting of Texas Senator West’s Legislative Advisor and representatives of the Criminal Justice Division of the Governor’s Office, Texas Youth Commission, Texas Juvenile Probation Commission, Austin Texas, March 2002.

### **GRANTS**

Principal Investigator of Proposal “A Study of Human Trafficking in Ghana and Nigeria: Improving Data Collection Mechanism,” \$500,000 Requested for 3 Years. Submitted to United States Department of State , January 2009.

Evaluator of Proposal “Human Trafficking in Texas: Policy and Practice for Law Enforcement,” \$913,000

Requested for 3 Years. Submitted to the State of Texas, March 2009.

Coauthored the following grant proposals:

“Youth Connect,” \$1,350,000 for 3 years (1998 - 2001). Funded by the Center for Substance Abuse Prevention (CSAP), Department of Health and Human Services.

TACHIA / Grants Cont.

“Enhancing Student Enrollment at the School of Juvenile Justice and Psychology,” \$2,064,183 for 3 years. Submitted to the Houston Endowment.

“The Parent Resource Project: A School-based Model to Provide Parental Resources for Identifying Early Signs of Delinquent Behavior in Children,” \$8.5 million over five years. An earmark initiative submitted to the United States Congress.

Evaluator and/or participated in implementation of the following grants:

“Over-representation of Minorities in the Juvenile Justice system,” \$750,000 (1998-2001). Funded by the Office of Juvenile Justice and Delinquency Prevention (OJJDP).

“Collaborating for Violence Prevention,” \$35,000 for 1 year. Funded by Administration for Children and Families.

“Youth Connect,” \$1,350,000 for 3 years (1998 - 2001). Funded by the Center for Substance Abuse Prevention (CSAP), Department of Health and Human Services.

“Be A Star,” (FY 2000-2003). Funded by Houston-Galveston Area Council (H-GAC) and the Criminal Justice Division of the Texas Governor’s Office.

### **HONORS AND RECOGNITION**

University-wide Merit Bonus Award for Excellence in Teaching, Wilberforce University, April 1992.

Voted Winner of the Division of Business and Economics Teaching Excellence Award, Wilberforce University, May, 1993. Awarded \$1,000.

Tenured, Wilberforce University, August 1993.

University-wide Merit Bonus Award for Excellence in Teaching, Wilberforce University, April, 1994.

Awarded Certificate of Appreciation for Outstanding Performance by Dr. Charles Hines, President, Prairie View A&M University, September 1999.

Selected for training in research on Disproportionate Minority Confinement (DMC) by the Office of Juvenile Justice and Delinquency Prevention (OJJDP), Baltimore, MD, March 2002.

Tenured, Prairie View A&M University, August 2002.

Establishment of the Master of Science Degree in Juvenile Forensic Psychology at PVAMU