

DENAE W. KING, Ph.D.
Texas Southern University
Barbara Jordan-Mickey Leland School of Public Affairs
3100 Cleburne Avenue, Bell Building B12
Houston, TX 77004
Office: (713) 313-4804 Fax: (713) 313-7153
Email: denae.king@tsu.edu

EDUCATION:

Ph.D. – University of Texas Health Science Center, School of Public Health
(Environmental Science/Toxicology, 2001)
M.S. - University of Texas Health Science Center, School of Public Health
(Environmental Science/Toxicology, 1996)
B.S. - Texas Southern University (Chemistry, 1992)

AREAS OF SPECIALIZATION:

Toxicology, Health Disparities, Environmental Justice, Environmental Health, and Built Environment Determinants

PRESENT RANK AND EXPERIENCE:

Research Program Manager, Barbara Jordan-Mickey Leland School of Public Affairs,
Texas Southern University (2017 – Present)
Interim Associate Director, Mickey Leland Center on Hunger, Poverty and World Peace,
Texas Southern University (2016-2017)
Interim Associate Director, Mickey Leland Center for Environment, Justice and
Sustainability, Texas Southern University (2014-2016)
Research Associate, Barbara Jordan-Mickey Leland School of Public Affairs, Texas
Southern University (2013 – 2014)
Assistant Professor, Department of Occupational Health Sciences, University of Texas
Health Science Center at Tyler (2010-2013)
Adjunct Assistant Professor, Department of Health Disparities Research, University of
Texas M D Anderson Cancer Center (2010- Present)
Adjunct Assistant Professor, Environmental Science, Stephen F. Austin State University
(2012-Present)
Research Scientist, Department of Health Disparities Research, University of Texas M D
Anderson Cancer Center (2007- 2010)
Postdoctoral Fellow, Department of Health Disparities Research, University of Texas
MD Anderson Cancer Center (2002- 2007)
Postdoctoral Fellow, Cellular and Molecular Biology, Baylor College of Medicine (2001-
2002)

TEACHING EXPERIENCE:

Supporting Faculty, Health Disparities Course, University of Texas MD Anderson Cancer Center, 2011-2017

Guest Lecturer, Seminar in Public Health Course, University of Houston-Clear Lake, 2015

Guest Lecturer, Minority Worker Training Program, Texas Southern University, 2013-2015

Instructor, Urban Planning and Environmental Policy 906 – Environmental Monitoring and Analysis, Texas Southern University, Fall 2013.

Supporting Faculty, Urban Planning and Environmental Policy Special Topics Course, Lecture: Environmental Justice Case Study, Texas Southern University, Summer 2013.

Supporting Faculty, Environmental Health Course, Lecture: Environmental Justice Environmental Health Graduate Program, University of Texas Health Science Center at Tyler, 2010-2013.

Supporting Faculty, Environmental and Occupational Health Course, Lecture: Toxicology, Environmental Health Graduate Program, University of Texas Health Science Center at Tyler, 2010-2012.

Supporting Faculty, Environmental and Occupational Health Course, Lecture: Developmental Effects, Environmental Health Graduate Program, University of Texas Health Science Center at Tyler, 2010-2012.

CONFERENCE PRESENTATIONS, PANEL DISCUSSIONS, SUMMITS AND SYMPOSIUMS:

Earthea Nance and Denae King. *Did Data from the Gulf Oil Spill Contradict Official Public Health Announcements Made During the Disaster?* 55th Annual ACSP Conference, Houston, Texas, October, 2015.

12th Annual Disparities in Health Summer Workshop, MD Anderson Cancer Center, “What Affects My Health? A Community-Driven Investigation of Neighborhood Determinants”, 2014

11th Annual Disparities in Health Summer Workshop, MD Anderson Cancer Center, “What Affects My Health? Overview of a Community-Driven Neighborhood Determinants Assessment”, 2013

American Public Health Association 140TH Annual Meeting, Oral Presentation: A Collaborative Investigation of Community Capacity and Community-Identified Environmental Health Determinants In A Vulnerable Urban Port Community, 2012

Community Campus Partnerships for Health 15th Anniversary Conference. Invited Community Site Visit, The Environmental Community Advocates of Galena Park, 2012

9th Annual Disparities in Health Summer Workshop, MD Anderson Cancer Center, “What Affects My Health? A Community-Driven Investigation of Neighborhood Determinants”, 2011

Environmental Justice Encuentro, The Environmental Community Assessment Project: Galena Park, 2010

7th Annual Disparities in Health Summer Workshop, MD Anderson Cancer Center, Addressing Environmental Health Using a Biopsychosocial Approach, 2009

Center for Research on Minority Health External Scientific Advisory Board Meeting, The Examination of Toxicological and Carcinogenic Effects of Disinfection Byproducts, 2008

Independence Heights and Acres Home Health Summit, Disparities in Breast Cancer Care, 2008

6th Annual Disparities in Health Summer Workshop, MD Anderson Cancer Center, Physical and Social Environmental Mediators of Health Status in the Fresno, Texas Community, 2008

Kellogg Health Scholars Joint Networking Meeting, Community-Based Health Disparities Projects, 2007

American Public Health Association, Oral Presentation: Assessment of Health Concerns and Access to Care for African American Residents of Fresno, Texas, 2007

4th Annual Disparities in Health Summer Workshop, MD Anderson Cancer Center, The Fresno Project, 2006

Intercultural Cancer Council, University of Houston, Health Disparities and Cancer, 2006

MD Anderson Career Development Working Group, K01 Application Proposal, 2006

Harris County Hospital District Health Educators Monthly Series, Health Disparities in Texas, 2005

Kellogg Scholars in Health Disparities, Columbia University, The Fresno Project, 2005

Baylor College of Medicine Medical Student Association, An Overview of Health Disparities, 2004

CONFERENCE ABSTRACTS:

Earthea Nance and Denae King. *Did Data from the Gulf Oil Spill Contradict Official Public Health Announcements Made During the Disaster?* 55th Annual ACSP Conference, Houston, Texas, October, 2015.

Demetrice R Jordan, Denae W. King and Lovell A. Jones. *Unbreathable: A Study of Community-Perceived Cancer Mortality from Industrial Toxins along the Houston Ship Channel through Spatial-temporal Analysis in a GIS Environment.* 142nd APHA Annual Meeting and Exposition, New Orleans, Louisiana, November, 2014.

Demetrice R Jordan, Denae W. King and Lovell A. Jones. *Examining Community-Perceived Cancer Mortality from Industrial Toxins along the Houston Ship Channel through Spatial-temporal Analysis in a GIS Environment.* American Association of Cancer Research (AACR), Fifth Conference on Cancer Health Disparities in Racial/Ethnic Minorities and the Medically Underserved, San Diego, California, October, 2012.

Demetrice R Jordan, Denae W. King and Lovell A. Jones. *Exploring Poverty, Residential Segregation, Linguistic Isolation, and Medical Underservice as Social Determinants of Cancer Risk from Benzene Exposure in Galena Park, Texas.* 25th Annual Biennial Symposium on Minorities, the Medically Underserved and Health Equity, Houston, Texas. June, 2012.

Demetrice R Jordan, Denae W. King and Lovell A. Jones. *Exploring Linguistic Isolation, Poverty, and Spatial Segregation as Social Determinants of Cancer Risk in Galena Park, Texas". A Tapestry for Change.* Presented at the SOPHE/NACDD 2011 Joint Academy and Midyear Meeting. Albuquerque, New Mexico. May 2011.

Demetrice R Jordan, Denae W. King and Lovell A. Jones. *Exploring the Social and Physical Determinants of Cancer Risk Galena Park, Texas through Comparative Analysis in a GIS Environment.* Presented at the Southeastern Division of the American Association of Geographers Annual Meeting. Birmingham, Alabama. November 2010.

Demetrice R Jordan, Denae W. King and Lovell A. Jones. *Exploring the Social and Physical Determinants of Cancer Risk in Galena Park, Texas through Comparative Analysis in a GIS Environment.* Presented at the AACE/EACE 2010 Joint Annual Meeting. San Diego, California. October 2010.

Denae King, Mike Hernandez, Kayla Teal, and Lovell Jones. *Comparison of Social Support, Social Integration, Overall Quality of Life and Recurrence-Free Survival Between White and African-American Breast Cancer Survivors.* Presented at the 2nd AACR Conference: The Science of Cancer Health Disparities Meeting. Carefree, AZ.

February 3-6, 2009.

Angelica P. Herrera, DrPH , Daniel Goldberg, JD, PhDc , Denae King, PhD , Larry E. Laufman, EdD , Shedra Amy Snipes, PhD , Cindy Spiker, MPH , Isabel Torres Vigil, Armin Weinberg. *Age-Based Disparities in Clinical Trials: Barriers and Multi-Level Policy Solutions*. Presented at the 136th American Public Health Association Annual Meeting. San Diego, CA. October 2008.

LaSonya Knowles, BBA, Denae King, PhD, Lovell Jones, PhD. *An Assessment of the Perceptions of Participation in Research among African-American Residents in an Unincorporated Community*. Presented at the University of Texas, Student Research Day. Houston, TX. November, 2007.

Kelly Hodges, Denae King, Paul Chukelu, and Lovell Jones. *Strategies for Recruitment of Healthy Premenopausal Women into the African American Nutrition for Life (A Nu-Life Project)*. Presented at the Intercultural Cancer Council's 10th Biennial Symposium on Minorities, the Medically Underserved and Cancer, Washington, DC, April 19-23, 2006.

Lindsey Scott, Denae King, Richard Hajek, Renard Thomas, and Lovell Jones. *Preliminary Analysis of Volatile Organic Compounds (VOCs) and Trace Metals Present in the Fresno Community Drinking Water*. Presented at the 231st American Chemical Society National Meeting, Atlanta, GA, March 26-30, 2006.

Chukelu, P., King, D., Lewis, A., and Jones, L. *An Initial Assessment of a Forgotten Community: Key Informant's Perceptions of Fresno, Texas*. Presented at MDACC Trainee Recognition Day, May 27, 2005.

Angelina Esparza, RN, BSN, Janice Chilton, DrPH, MPH, MP, Michelle Detry, PhD, Robin Fuchs-Young PhD, Beverly Gor, Ed.D, RD, LD, CDE, Richard Hajek, PhD, James Heggie, MS, Maria A. Hernandez-Valero, DrPH, MA, MS, Son Hoang, BS, Denae King, PhD, MA, Anissa Lewis, BS, Wallace Mondesire, MD, Gloria Regisford, PhD, Lovell A. Jones, PhD. Center for Research on Minority Health, U. T. M. D. Anderson Cancer Center (Houston, TX) *Bridging the Gap-Addressing Environmental Health Through Science*" Presented at the Health Disparities Symposium, Morehouse School of Medicine, Atlanta, GA, April 14, 2005.

PUBLICATIONS:

Nance, E., King, D., Wright, B., and Bullard, R. *Ambient Air Concentrations Exceeded Health-Based Standards for PM_{2.5} and Benzene During the Deepwater Horizon Oil Spill*. Journal of the Air & Waste Management Association, 66(2): 224-236, 2016.

Johnson, G., Washington, S., King, D., and Gomez, J. *Air Quality and Health Issues Along Houston's Ship Channel: An Exploratory Environmental Justice Analysis of a*

Vulnerable Community (Pleasantville). *Race, Gender, and Class*, 21(3-4): 273-303, 2014.

Paxton, R., King, D., Garcia-Prieto, C., Connors, S., Hernandez, M., Gor, B., and Jones, L. *Associations Between Body Size And Serum Estradiol And Sex Hormone-Binding Globulin Levels In Premenopausal African American Women*. *Journal of Clinical Endocrinology and Metabolism*, Mar; 98(3): E485–E490, 2013.

King, DW, Duello, TM, Miranda, PY, Hodges, KP, Shelton, AJ, Chukelu, P, and Jones, LA. *Strategies for Recruitment of Healthy Pre-menopausal Women into the African-American Nutrition for Life (A NULIFE) Study*. *Journal of Women's Health*, 19(5): 855-62, 2010.

Levin, J., Gilmore, K., Carruth, A., Nonnenmann, M., Evert, W., and King, D. *An Interview with Vietnamese Fishermen of Louisiana in the Wake of the Oil Spill*. *Journal of Agromedicine*, 15(4): 337-342, 2010.

King, D.W., Miranda, P.M. Gor, B.J., Fuchs-Young, R., Chilton, J.A., Hajek, R. A., Torres-Vigil, I., Hernandez, M.A., Snipes, A.S. and Jones, L.A. *Addressing Cancer Health Disparities Using a Global "Biopsychosocial" Approach*. *Cancer*, 116(2): 264-269, 2010.

Herrera AP, Snipes, SA, King, DW, Torres-Vigil, I. Goldberg, DS, and Weinberg, AD. *Disparate Inclusion of Older Adults in Clinical Trials: Priorities and Opportunities for Policy and Practice Change*. *American Journal of Public Health (AJPH)*, 100 Suppl 1:S105–S112, 2010.

King, D.W., Snipes, S. A., Herrera, A.P., and Jones, L.A. *Health and Healthcare Perspectives of African American Residents of an Unincorporated Community: A Qualitative Assessment*. *Health and Place* 15: 420–428, 2009.

Snipes S., Thompson B., O'Connor K, Shell-Duncan B, King, D. Herrera, A, and Navarro, B. *"Pesticides Protect the Fruit, But Not the People..." Using Community-Based Ethnography to Understand Farmworker Pesticide Exposure Risks*. *American Journal of Public Health (AJPH)* 99 (S3): S616-S621, 2009.

King, D., Hurd, T., Hajek, R., and Jones, L. *Using the Biopsychosocial Approach to Address Health Disparities - One Person's Vision*. *Journal of Cancer Education*, 24 Suppl 2: S26-S32. 2009.

Knowles, L., Lewis, A., King, D., and Jones, L. *Disseminating Health Disparities Education Through Tele-Learning*. *Journal of Systemics, Cybernetics, and Informatics*: 6(4), 2008. [http://www.iiisci.org/journal/CV\\$/sci/pdfs/E743GZB.pdf](http://www.iiisci.org/journal/CV$/sci/pdfs/E743GZB.pdf)

King, D.W., Torres, I.V., Herrera, A.P. Hajek, R.A., and Jones L.A. *Working Toward Social Justice: Center for Research on Minority Health Summer Workshop on Health*

Disparities. California Journal of Health Promotion, 5, Special Issue (Health Disparities and Social Justice): 1-8, 2007.

King, D.W., Chukelu, P.C., Freelon, B.N., Lewis, A.J., and Jones, L.A. *Residential Perceptions of Environmental Exposures and Associated Health Effects in the Fresno, Texas, Community*. California Journal of Health Promotion, 5, Special Issue (Health Disparities and Social Justice): 48-57, 2007.

Hajek, R.A., King D.W., Kaufman R.H., Liang J.C., Edwards C.L., Wharton J.T., and Jones L.A., *Detection of Chromosomal Aberrations by FISH in Cervicovaginal Biopsies from Women Exposed to DES In Utero*. International Journal of Gynecological Cancer 15:1-7, 2006.

King D.W., Hernandez-Valero M.A., Chukelu P.C., and Jones L.A. *An Initial Assessment of a Forgotten Minority Community: Key Informant's Perceptions of Environmental Health in Fresno, Texas*. California Journal of Health Promotion, 4(1): 22-31, 2006.

Jones L.A. and King, D.W. *Breast Diseases: A Year Book Quarterly*. Vol 17 No 1:35-36, 2006.

Jones L.A. and King, D.W. *Breast Diseases: A Year Book Quarterly*. Vol 17 No 1:36-37, 2006.

King, D.W. and Smith, M.A., *Proliferative Responses Observed Following Vancomycin Treatment in Renal Proximal Tubule Epithelial Cells*. Toxicology In Vitro: 18(6): 797-803, 2004.

BOOK CHAPTERS:

Bullard, Robert D. Glenn S. Johnson, Denae W. King, and Sheri L. Smith. "People of Color on the Frontline of Environmental Assault." Book Chapter in Julia Hall (Editor). *Underprivileged School Children and the Assault on Dignity, Policy Challenges, and Resistance*. New York: Routledge Press (2014).

Bullard, Robert D. Glenn S. Johnson, Sheri L. Smith and Denae W. King. "The Politics of Pollution: Living on the Frontline of Environmental Assault in the United States." Book Chapter in Morgan C-T Huang and Richard R-C Hwang (Editors). *Environmental Justice in Action*. Asiaworld (2014).

EDITORIAL AND REVIEW ACTIVITIES:

American Journal of Public Health - Journal Reviewer
Journal of the National Medical Association - Journal Reviewer
Toxicology In Vitro - Journal Reviewer
Health and Place - Journal Reviewer

COMMITTEES, BOARDS AND PANELS:

Coalition of Community Organizations, 2014-Present
Citizens Environmental Coalition, 2014-Present
Environmental Community Advocates of Galena Park, 2010-2014
Galena Park Independent School District Early Head Start Advisory Council, 2010-2012
MDACC Scientific Publications Faculty Advisory Board, 2006-2013
MDACC Postdoctoral Association Steering Committee – Member, 2003-2007
MDACC Postdoctoral Association Speaker’s Committee Chair, 2003-2007
MDACC Postdoctoral Fellows Advisory Committee – Member, 2003-2007

PROFESSIONAL AFFILIATIONS:

American Public Health Association

RESEARCH GRANTS:

ONGOING:

W.K. Kellogg Foundation: Bullard, R. (PI) - \$3,375,000.00

Gulf Coast Equity Consortium to Promote Healthy Children and Healthy Families

Role: Project Manager (Assisted with Grant Submission)

Houston Endowment: Bullard, R. (PI) - \$200,000.00 (2016-2018)

Place Matters: Building and Growing Community-University Partnerships to Address Environment, Health, and Education Inequality

Role: Project Manager (Assisted with Grant Submission)

National Institute of Environmental Health Sciences: Bullard, R. (PI) - \$1,231,265.00 (2018-2019)

The Historically Black Colleges/Universities and Communities Worker Health and Safety Training Program

Role: Program Director

Robert Wood Johnson Foundation: Bullard, R. (Co-PI) - \$539,030.00 (2018-2020)

Building Community Leadership and Civic Infrastructure to Improve Resilience in Miami-Dade and to Produce Findings that Help Communities Nationwide

Role: Project Manager (Assisted with Grant Submission)

Houston Endowment: Pritzker, S. (PI) - \$50,624.56 (2018)

Harris County Civic Engagement Policy Audit

Role: TSU Site PI

Corporation for National and Community Service: Pritzker, S. and King, D. (Co-PIs) - \$100,000.00 (2018-2019)

Building Civic Engagement in the Post-Harvey Context: Exploring Facilitators and Barriers to Civic Activity in Four Hurricane-Affected Communities in Houston
Role: TSU Site PI

COMPLETED:

Texas Southern University

BBVA: Bullard, R. (PI) - \$12,500.00 (2015-2016)

Texas Southern University/Jack Yates High School Healthy Food Sustainability Project
Role: Project Manager (Assisted with Grant Submission)

W.K. Kellogg Foundation: Bullard, R. (PI) - \$100,000.00

Gulf Coast HBCU/Community Equity Consortium to Promote Healthy Children and Healthy Families Budget
Role: Project Manager (Assisted with Grant Submission)

BBVA: Bullard, R. (PI) - \$10,000.00 (2014-2015)

Texas Southern University/Jack Yates High School Healthy Food Sustainability Project
Role: Project Manager (Assisted with Grant Submission)

Houston Endowment: Bullard, R. (PI) - \$100,000.00

Toward Designing Innovative Programs and Solution-Oriented Practices to Address Environmental Justice and Health Equity Challenges in Low-Wealth and Minority Communities in the Greater Houston Area. **Role: Project Manager**

BBVA: Bullard, R. (PI) - \$10,000.00 (2013-2014)

Texas Southern University/Jack Yates High School Healthy Food Sustainability Project
Role: Project Manager (Assisted with Grant Submission)

US CAN Climate Action Network: Bullard, R. (PI) - \$15,000.00 (2013)

People of Color Climate Change Network
Role: Project Manager (Assisted with Grant Submission)

Texas State Library and Archives Commission: Johnson, G. (PI) - \$20,000.00 (2013)

Mickey Leland Archives Grant
Role: Project Manager

Institute of Museum and Library Services: Johnson, G. (PI) - \$300,000.00 (2013)

Mickey Leland Archives Grant
Role: Project Manager

The University of Texas, MD Anderson Cancer Center

NIH/NCMHD: Jones, L. (PI) - \$75,000.00

Establishing Comprehensive NCMHD Research Centers of Excellence - PEACE (Project Export, A Center of Excellence). “The Examination of Toxicological and Carcinogenic Effects and Gene Expression Profiles Following Drinking Water Disinfection Byproduct Exposure”

Role: Principal Investigator, Pilot Project (Assisted with Grant Submission)

NIH/NCMHD: Jones, L. (PI) - \$200,000.00

The Gulf Coast Transdisciplinary Research Recovery Center for Community Health (TRCCH). **Role: Project Manager (Assisted with Grant Submission)**

HCPHES: Jones, L. (PI) - \$200,000.00

Harris County Public Health and Environmental Services
Environmental Community Assessment Project (E-CAP): Galena Park.

Role: Co-Investigator (Assisted with Grant Submission)

NIH/NCMHD: Jones, L. (PI)

Project EXPORT: Bridging the Gap: Addressing Environmental Health through Science **Role: Principal Investigator for Pilot Study**

Kellogg Scholar in Health Disparities: King, D. (PI)

Project: Environmental Exposure in Hispanic and African-American Residents in Fresno, Texas

UNDER REVIEW:

AWARDS:

NIH Health Disparities Research Loan Repayment Program Recipient, 2005-2008
Kellogg Scholar in Health Disparities, 2004-2006
NCI Minority Supplement Recipient, 2001
Delta Omega Honor Society in Public Health, 2001
The University of Texas -Toxicology NIEHS Training Grant Predoctoral Fellowship Recipient, 1997-2000
Society of Toxicology Student Travel Award, 1999
University of Texas Environmental Science Scholarship Award, 1999
Worthing Foundation Graduate Student Scholarship Award, 1994-1999
University of Texas School of Public Health Travel Award, 1998
Minority Faculty Association Scholarship Award, 1994

REFERENCES:

1. Dr. Lovell Jones, MD Anderson Cancer Center

2. Dr. Jeffrey Levin, The University of Texas Health Science Center at Tyler
3. Dr. Robert Bullard, Texas Southern University