

# Mukesh Kumar

Office:  
DURP, 101 W. Capitol St.  
Jackson, MS 39201  
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## Employment:

- Fall 2009 – current            Tenured Associate Professor, Department of Urban and Regional Planning, Jackson State University
- Summer 2005 – spring 2006    Research Fellow in Planning and development, Lincoln Institute of Land Policy
- Fall 2004 – spring 2009        Assistant Professor, Department of Urban and Regional Planning, Jackson State University

## Administrative Appointments:

- Fall 2016                        Sabbatical
- Fall 2014 – summer 2016        Interim Chair, Department of Urban and Regional Planning, Jackson State University
- Fall 2012 – spring 2014        Interim Program Director, Department of Urban and Regional Planning, Jackson State University
- Fall 2006 – spring 2012        Program Coordinator, Master's Program in Urban and Regional planning, DURP, Jackson State University
- Fall 2004- spring 2006        Advisor for the Undergraduate Program in Urban Studies, DURP, Jackson State University

## Education:

- Summer 2004                    Ph.D. in Urban Studies and Public Affairs  
(Specialization: Urban Economic Development)  
Maxine Goodman Levin College of Urban Affairs, Cleveland State University, Cleveland, Ohio
- Spring 1999                    Master of Public Policy  
(Specialization: Economic Development)  
University of Northern Iowa, Cedar Falls, Iowa
- June 1994                      M.A. in Political Science  
Delhi University, Delhi, India
- June 1992                      B.A. (Honors) in Political Science  
Hindu College, Delhi University, Delhi, India

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## **Recent Major Planning Projects:**

Project Leader: Form Based Code District Plan for Byram Town Center, City of Byram, MS

Project Leader: Corridor Revitalization Plan for Vision 2022, City of Jackson, MS

Project Advisor: Campus Rainworks Plan (led by students from Jackson State University) for Lynch Creek Extension, Jackson, MS

Project Advisor: Town Creek Restoration Plan (led by students from Louisiana State University) for Revitalization of West Jackson and Downtown, Jackson, MS

## **Research Interests:**

Local Economic Development, Industry Clusters, Polycentric Models of Urban Spatial Structure, Optimization and Land Use Planning, Urban Simulations, Housing.

## **Teaching Interests:**

Theories of Urban and Regional Development, Local Economic Development Policy, Labor Market Analysis, Geographic Information System (GIS) and Spatial Analysis, Urban Spatial Structure, Quantitative Research Methods, History of Planning.

## **Academic Publications:**

Shahbazi, M., Kumar, M., & Mawson, A. (2017) Effectiveness of Community Health Workers in Healthcare Delivery: Evidence from the Field. *Journal of Health Disparities Research & Practice*. (Under Review)

Sen, S., Kumar, M., & Smith, S. (2016), Planning Education for Multiculturalism in the United States: A Selective Case Study of Historically Black Colleges and Universities (HBCUs). In M. Burayidi (Ed.), *Urban Planning in a Pluralist Society*. Toronto: University of Toronto Press.

Gilleylen, J. G., & Kumar, M. (2015), Integrated Approach to Health. In M. J. Azevedo (Ed.). *Health and Healthcare in Mississippi (89-110)*. Jackson, MS: University Press of Mississippi.

Kumar, M. (2011), A Tale of Uneven Comebacks: Community Planning and Neighborhood Design in Mississippi Gulf Coast. In A. Liu, R. V. Anglin, R. M. Mizelle Jr., & A. Plyer (Eds.) *Resiliency and Opportunity: Lessons from the U.S. Gulf Coast after Katrina and Rita (148-160)*. Washington, DC: Brookings Institution Press.

Kumar, M., Bowen, W. M., & Kaufman, M. (2007). Urban Spatial Structure as Self-Organizing System: An Empirical Evaluation of Firm Location Decisions in Cleveland-Akron PMSA, Ohio. *Annals of Regional Science*, Vol. 41, 297-314.

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Kumar, M. (2007). Geographical Scope of University Expansion and its Impact on Land and Housing Markets,” Working Paper. Lincoln Institute of Land Policy.  
[http://www.lincolninst.edu/pubs/1198\\_Geographical-Scope-of-University-Expansion-and-its-Impact-on-Land-and-Housing-Markets-](http://www.lincolninst.edu/pubs/1198_Geographical-Scope-of-University-Expansion-and-its-Impact-on-Land-and-Housing-Markets-)

Kumar, M., Mangum, V., Price, G., & Watson, J. (2007). The Economic Impact of Jackson State University. *The MURC Digest*, Vol. 3, 1-7.

“Locating Capital Cities within an Economy: An Analysis of the Spatial Structure of Knowledge-Based and Other Government Related Industry,” with William M. Bowen. *Asia Pacific Planning Review*, Vol. 3, 2004: 99-121.

## Externally Funded Projects:

1. Title of Project: Implicit Biases among Planning Professionals: Influence of Race & Gender on Decision Making  
Funding Agency: National Science Foundation  
Funding Year: 2017  
Amount: \$ 20,417.  
PI: Kumar, M.  
Co-PI: None.
2. Title of Project: Overcoming Barriers to Public Transportation in Mississippi – A Pilot Study for Jackson Metropolitan Statistical Area  
Funding Agency: Institute for Multimodal Transportation  
Funding Year: 2010  
Amount: \$ 30,000.  
PI: Kumar, M.  
Co-PI: Santos, E. C.
3. Title of Project: Integrating Asset Valuation and Management Techniques in Long-Range Transportation Plans for Urban Areas in Mississippi  
Funding Agency: Federal Highway Administration  
Funding Year: 2008  
Amount: \$ 137,222.  
PI: Kumar, M.  
Co-PI: None.
4. Title of Project: A Comprehensive Study of the Impact of State and Other Tax-Exempt Properties on Local Govt. Operations in the City of Jackson and Hinds County  
Funding Agency: Downtown Jackson Partners, Inc.  
Funding Year: 2008  
Amount: \$ 16,000  
PI: None.  
Co-PI: Kumar, M., Burton, O., Chowdhury, M., Allen, C., & Patrick, C.

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5. Title of Project: A Layout of Regional Logistics Plan for Greater New Orleans  
Funding Agency: Greater New Orleans Inc.  
Funding Year: 2007  
Amount: \$ 7,344.  
PI: Kumar, M.  
Co-PI: None.
6. Title of Project: Preliminary Statewide Assessment of Public Transit Services and Service Areas  
Funding Agency: Mississippi Department of Transportation  
Funding Year: 2006  
Amount: \$ 75,000  
PI: None  
Co-PI: Kumar, M., Burton, O., & Gilleylen, Jr. J.
7. Title of Project: The Economic Impact of Jackson State University  
Funding Agency: Office of Economic Development and Local Government Affairs, Jackson State University  
Funding Year: 2006  
Amount: \$ 25,420  
PI: Kumar, M. & Price, G.  
Co-PI: Mangum, V., & Watson, J.

## **Other Publications:**

### Reports and Monographs

Kumar, M. and Santos, E. C. (2012). Report: Overcoming Barriers to Public Transportation in Mississippi – A Pilot Study for Jackson Metropolitan Statistical Area,” (For Institute for Multimodal Transportation).

Kumar, M. (2010). Report: Integrating Asset Valuation and Management Techniques in Long-Range Transportation Plans for Urban Areas in Mississippi. (For Federal Highway Administration)

Burton, O., Kumar, M., Chowdhury, M., Allen, C., & Patrick, C. (2008). Report: A Comprehensive Study of the Impact of State and Other Tax-Exempt Properties on Local Govt. Operations in the City of Jackson and Hinds County. (For Downtown Jackson Partners, Inc.).

Kumar, M. (2008). Report: A Layout of Regional Logistics Plan for Greater New Orleans, (For Greater New Orleans Inc.).

Burton, O., Kumar, M., & Gilleylen, J. (2007). Report: Preliminary Statewide Assessment of Public and Specialized Transportation Services and Service Areas in Mississippi. (For Mississippi Department of Transportation)

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Kumar, M., Mangum, V., Price, G., & Watson, J. (2006). Report: The Economic Impact of Jackson State University. (For The Office of Economic Development and Local Governmental Affairs, Jackson State University)

## Newspaper & Blog

The Curious Case of Costco, Stadium, Museum, Baseball and Parks, Jackson Free Press, September 24, 2014.

<http://www.jacksonfreepress.com/news/2014/sep/24/curious-case-costco-stadium-museum-baseball-and-pa/>

Jackson Planning Map, Jackson Free press, September 18, 2013. with Pleas McNeel IV.

<http://www.jacksonfreepress.com/news/2013/sep/18/jackson-planning-map/>

Vacant and Abandoned Properties in Jackson, The Clarion Ledger, September 8, 2013.

<http://voices.clarionledger.com/mukeshkumar/2013/09/08/vacant-and-abandoned-properties-in-jackson/>

Does Detroit's Bankruptcy Raise Red Flags for Jackson? The Clarion Ledger, July 28, 2013.

<http://voices.clarionledger.com/mukeshkumar/2013/07/28/does-detroits-bankruptcy-raise-red-flags-for-jackson/>

Will Capitol Street Improvement Project Deliver? The Clarion Ledger, July 7, 2013.

<http://voices.clarionledger.com/mukeshkumar/2013/07/07/will-capitol-street-improvement-project-deliver/>

Progress in Death: Medgar Evers' Legacy, The Clarion Ledger, June 12, 2013.

<http://voices.clarionledger.com/mukeshkumar/2013/06/12/progress-in-death-medgar-evers-legacy/>

The Passion Curve and Voting with Feet, The Clarion Ledger, June 6, 2013.

<http://voices.clarionledger.com/mukeshkumar/2013/06/06/the-passion-curve-and-voting-with-feet/>

Harold Washington and Chokwe Lumumba: Unity for Change, The Clarion Ledger, May 29, 2013.

<http://voices.clarionledger.com/mukeshkumar/2013/05/29/harold-washington-and-chokwe-lumumba-unity-for-change/>

Choosing the L-Train, The Clarion Ledger, May 20, 2013.

<http://voices.clarionledger.com/mukeshkumar/2013/05/20/choosing-the-l-train/>

Festival Brings Buzz to Downtown Jackson: Supports Jackson Inner-City Gardeners, The Clarion Ledger, May 13, 2013.

<http://voices.clarionledger.com/mukeshkumar/2013/05/13/festival-brings-buzz-to-downtown-jackson-supports-jackson-inner-city-gardeners/>

Mr. Wilson: Joy of Tailoring, The Clarion Ledger, May 10, 2013.

<http://voices.clarionledger.com/mukeshkumar/2013/05/10/mr-wilson-joy-of-tailoring/>

The Next Great Mayor of Jackson, The Clarion Ledger, May 5, 2013.

<http://voices.clarionledger.com/mukeshkumar/2013/05/05/the-next-great-mayor-of-jackson/>

Mayoral Hopefuls Propose Solutions to Wicked Problems, The Clarion Ledger, May 1, 2013.

<http://voices.clarionledger.com/mukeshkumar/2013/05/01/mayoral-hopefuls-propose-solutions-to-wicked-problems/>

Building and Paying it Forward, The Clarion Ledger, April 30, 2013.

<http://voices.clarionledger.com/mukeshkumar/2013/04/30/building-and-paying-it-forward/>

Reducing Commuting Distance Increases Property Values, The Clarion Ledger, April 22, 2013.

<http://voices.clarionledger.com/mukeshkumar/2013/04/22/reducing-commuting-distance-increases-property-values/>

Jackson's Daytime Population Swells, Puts Pressure on Services, The Clarion Ledger, March 8, 2013.

<http://voices.clarionledger.com/mukeshkumar/2013/03/08/jacksons-daytime-population-swells-puts-pressure-on-services-2/>

Let's think big to support Jackson, The Clarion Ledger, March 3, 2013.

<http://voices.clarionledger.com/mukeshkumar/2013/03/03/lets-think-big-to-support-jackson/>

Inner-city neighborhoods of Jackson, The Clarion Ledger, February 7, 2013.

<http://voices.clarionledger.com/mukeshkumar/2013/02/07/inner-city-neighborhoods-of-jackson/>

## **Dissertation Supervision (Committee Chair only):**

### In Progress with Approved Topics

Bennetta Robinson

A Trans-boundary Spatial Analysis of the Impact of Land Use on Water Conditions within the Apalachicola Chattahoochee Flint River Basin

Siddig Fageir

Residential Segregation and the Constraint on Housing Choice in Urban Areas: An Analysis of Cuyahoga County, OH and Fulton County, GA

Fredrick Tate

Variations on Revitalizing Historic Districts: A Multiple Case Study of Sweet Auburn, Beale and Farish

Jessica Davis

A comparative Analysis of Displacement and Gentrification: Roxbury-Dorchester and Centennial Hills

Christopher Davis

Economic Impact of public-funded Stadium

## Completed

Joan Blanton, Ph.D. Candidate, 2016

A Study of the Effectiveness of a Collaborative Planning Process: The Post Katrina Design Charrette.

Tanaucha Singleton-Lewis, Ph.D. Candidate, 2016

The Housing Consumption – Commute Costs Perspective: An Investigation of Urban Spatial Patterns in U.S. Metropolitan Statistical Areas.

Mae E. Blackmon-Henry, Ph.D. Candidate, 2016

Planning for Health: A Case Study of the Healthy Food Financing Initiative in Spartanburg, SC

Chuck Patrick, Ph.D. Candidate, 2014

Geospatial Decision Support System to Evaluate Energy Considerations for Regional Comprehensive Planning Practices

LaShunda D. Calvert, Ph.D. Candidate, 2013

An Examination of how Public Policies are Made for Hazardous Pollutants: A Closer Look at Indoor Hazardous Pollutants in the Nineteenth Century America

Kelvin Stamps, Ph.D. Candidate, 2013

The Evolution of Managing the Mississippi River Watershed in Southeast Louisiana

Jeanne N. Mogusu, Ph.D. Candidate, 2012

Evaluation of Transportation Asset Management: A Framework for Assessing Transportation Asset Management Benefits - A Four State Case Study Analysis

Sudha Yerramilli, Ph.D. Candidate, 2009

Potential impact of the climate changes on the inundation risk levels in a Dam break scenario – a case study on the impact of Hinds and Rankin county in a Ross Barnett Reservoir failure”,

Angela M. Gobar, Ph.D. Candidate. 2007.

Dissertation Title: The Impact of Human Capital Development on Achievement of Savings Goals in Individual Development Accounts: Arkansas and Mississippi Individual Development Account Programs.

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## Courses Taught:

Doctoral Courses:      Advanced Statistical Methods  
                              Research Methodology  
                              Local & Regional Economic Development  
                              Historical Development of Cities

Masters Courses:      Quantitative Analysis & Computers  
                              History of Planning  
                              Economic Development Planning  
                              Risk Analysis

Undergraduate Courses: Introduction to Quantitative Analysis  
                              Introduction to Urban Studies

## Invited Seminar and Conference Presentations:

Presentation on “Vacant, Abandoned, and Problem Properties: Ideas and Suggestions for Municipal Officials.” Mukesh Kumar, July 3-5, 2017. 86<sup>th</sup> Annual Conference of Mississippi Municipal League, Biloxi, MS.

Presentation on “Implicit Biases among Planning Professionals: Influence of Race & Gender on Decision Making.” Mukesh Kumar. March 22-23-2017. JSU Advance Think Tank, Jackson, MS

Presentation on “Vacant & Abandoned: Turning Liabilities into Assets.” Mukesh Kumar, October 7, 2015. MS Municipal Environmental Education Workshop, Cleveland, MS.

Presentation on “Vacant & Abandoned Properties in Mississippi: What can Municipal Officials do?” Mukesh Kumar, June 22-24, 2015. 84<sup>th</sup> Annual Conference of Mississippi Municipal League, Biloxi, MS.

Presentation on “Smart Street Design.” Mukesh Kumar, April 10, 2015. Mississippi Bikewalk Summit, Jackson, MS.

Presentation on “Efficacy Thresholds for Public Transit Systems: A Study of Population Density and Congestion.” Mukesh Kumar & Joan Blanton, October 30 – November 2, 2014. 54<sup>th</sup> Annual ACSP Conference, Philadelphia, PA.

Poster presentation on “Barriers to Public Transportation: A Pilot Study For Jackson Metropolitan Statistical Area.” Mukesh Kumar, Evandro Santos, Catherine Lee, and Chuck Patrick, November 1-4, 2012. 53<sup>rd</sup> Annual ACSP Conference, Cincinnati, OH.

Presentation on “A Tale of Uneven Comebacks: Community Planning and Neighborhood Design on the Mississippi Gulf Coast.” Mukesh Kumar, October 13-16, 2011. 52<sup>nd</sup> Annual ACSP Conference, Salt Lake City, UT.

Roundtable Discussion on “Planning Education at Historically Black Colleges and Universities: History, Problems, And Prospects.” Mukesh Kumar, October 7-10, 2010. 51<sup>st</sup> Annual ACSP Conference, Minneapolis, MN.

Presentation on “Budgetary Aspects of Urban Governance in a Capital City: A Case Study of Jackson, MS.” Mukesh Kumar and Otha Burton, Jr., February 9-11, 2010. 39<sup>th</sup> Conference of COMPA-Conference of Minority Public Administrators. Jackson, MS.



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Invited Keynote Speech on “Cultural Aspects of Public Transportation.” Mukesh Kumar, November 11, 2009. Annual Conference of Mississippi Chapter of American Public Transportation Association, Meridian, MS.

Presentation on “Regional Economic Development Planning: An Analysis of Industry Targeting and Cluster Approaches.” Mukesh Kumar, October 1-4, 2009. 50<sup>th</sup> Annual ACSP Conference, Crystal City, VA.

Invited Presentation on “Integrating Climate Risk Assessment in Planning Support Systems: An Overview, Analysis, and Future Directions.” Mukesh Kumar, July 30-31, 2009. Symposium on Advances in Atmospheric Modeling, Climate Change and Geospatial Visualization Technologies. Trent Lott Geospatial and Visualization Research Center, Jackson, MS.

Presentation on “The Impact of Human Capital Development on Achievement of Savings Goals in IDAs: Four Cases in Arkansas and Mississippi.” Mukesh Kumar and Angela Gobar. April 25-28, 2007. 37<sup>th</sup> Annual Meeting of Urban Affairs Association. Seattle, WA.

Presentation on “Toward Developing a Regional Plan for Rebuilding New Orleans.” Mukesh Kumar. November 9-12, 2006. 47<sup>th</sup> Annual ACSP Conference, Fort Worth, TX.

Presentation on “Segregation and Freedom in Housing Choice: A Case Study of Cuyahoga County, Ohio.” William Bowen and Mukesh Kumar. March 7-11, 2006. 102<sup>nd</sup> Annual Meeting of Association of American Geographers, Chicago, IL.

Presentation on “Toward a Redevelopment Agenda for New Orleans.” Mukesh Kumar. November 8, 2005. ACORN Community Forum on Rebuilding New Orleans, Louisiana State University, Baton Rouge, LA.

Presentation on “Spatial Analysis of the Geographical Scope of University and its Impact on Land and Housing Markets.” Mukesh Kumar and William Bowen. Nov. 10-12, 2005. 52<sup>nd</sup> North American Regional Science Conference. Las Vegas, NV.

Presentation on “Geographical Scope of University Expansion and its Impact on Land and Housing Markets – A Method and its Demonstration with a Case Study of an Urban University.” Mukesh Kumar. April 5-9, 2005. 101<sup>st</sup> Annual Meeting of Association of American Geographers, Denver, CO.

Session Chair of “Innovative Spatial Studies.” April 5-9, 2005. 101<sup>st</sup> Annual Meeting of Association of American Geographers, Denver, CO.

Presentation on “Urban Spatial Structure as Complex Systems: An Empirical Evaluation.” Mukesh Kumar, February 23-26, 2005, 44<sup>th</sup> Annual Meeting of Western Regional Science Association. San Diego, CA.

Discussant on “Growth and Dispersion: Spatial Production Function and the Case of US Industry 1969-2000.” Zouoquan Zhao. February 23-26, 2005, 44<sup>th</sup> Annual Meeting of Western Regional Science Association. San Diego, CA.

Presentation on “Parameters Estimates for Sources of Agglomeration: A Complex Systems Approach.” Mukesh Kumar, William M. Bowen, and Miron Kaufman. 2004. 100<sup>th</sup> Annual Meeting of Association of American Geographers, Philadelphia, PA.

Seminar on “Employment Centers as Organized Complex Systems: Some Empirical Evidence” with William M. Bowen at The School of Public policy, George Mason University. October 10, 2003.

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Presentation on “Assessing Residential Choice in Cleveland: The Effectiveness of Cuyahoga County’s Fair Housing Program 1980 to 2000.” William M. Bowen, Mukesh Kumar, and William Olson. 2003. 33<sup>rd</sup> Annual Meeting of Urban Affairs Association. Cleveland, OH.

Presentation on “Location Patterns of Employment Centers as Self-organizing Complex System: An Empirical Evaluation.” Mukesh Kumar, William M. Bowen, and Miron Kaufman. 2003. 99<sup>th</sup> Annual Meeting of Association of American Geographers, New Orleans, LA.

Presentation on “Physical Science Models of Urban Employment Centers.” Mukesh Kumar, William M. Bowen, and Miron Kaufman. 2002. 49<sup>th</sup> North American Regional Science Conference, San Juan, Puerto Rico.

## **Affiliations:**

Association of Collegiate Schools of Planning  
American Planning Association  
Regional Science Association International  
Western Regional Science Association

## **References:**

Available Upon Request