

KINGSLEY E. HAYNES

Dean, School of Public Policy

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Education:

Ph.D. The Johns Hopkins University, 1971. Geography and Environmental Engineering

M.A. Rutgers University, 1965. Geography

B.A. Western Michigan University, 1964. History (Hons.), Geography, Political Science

Fields of Specialization:

Resources and Environmental Management Policy

Urban and Regional Economic Development and Planning

Economic Geography and Regional Science

Social Systems Modeling and Policy Analysis

Transportation and Land Use Analysis

Dr. Haynes built the School of Public Policy out of The Institute of Public Policy which he founded in 1991 while still Dean of the Graduate School. He also holds appointments in the departments of Decision Sciences, Geography and Public Affairs. In addition to his administrative responsibilities, Dr. Haynes teaches classes in environmental system management, policy analysis, urban planning methodology and regional economic development. His recent research activities have focused on minimum information forecasting and intelligent transportation systems. Research methodology has been related to risk assessment and decisions under conditions of uncertainty, mathematical programming applications, and the relationship between regional economic development, science and technology policy and smart infrastructure on domestic and international competitiveness.

Dr. Haynes has been involved in regional economic development, environmental planning and natural resource management since the early 1970's including projects in Montana's Yellowstone Basin, in the Lake Michigan and Ohio river regions of the U.S. Midwest, in the Nile River-Lake Nasser regions of Egypt and the Sudan and in the Texas Gulf Coast. Using mathematical programming techniques for evaluating resources utilization for energy facility location and economic simulation for community water supply alternatives, he has been active in state resource assessment in New Jersey, Texas, Indiana, Massachusetts and Virginia. He has directed international programs for the Ford Foundation's Office of Resources and Environment and EPA.

Dr. Haynes has directed numerous research grants and contracts totaling over \$50 million, co-authored or edited 5 books and over 300 articles and professional reports published in such journals as Annals of AAG, Geographical Review, Economic Geography, Environment and Planning, Socio-Economic Planning Sciences, Journal of Regional Science, Journal of the

American Planning Association, Modeling and Simulation, Computers Environment and Urban Systems and International Cybernetics. Topics range from environment and development, management of the Aswan High Dam, public policy diffusion, distance and direction in urban density modeling and in regional settlement patterns, application of information theoretic models, hierarchical goal programming, multiobjective location analysis, intelligent transportation systems and environmental justice.

Dr. Haynes has been an advisor, consultant or project leader with New York City's Central Manhattan Circulation Study; Texas Land Office; Texas Governor's Office; Indiana's Departments of Commerce, Natural Resources, Economic Development Council and the Vocational and Technical College System. His federal government work includes HEW, DOC, DOD, NSF, EPA, DOT (FAA, FTA, FHWA, BTS), USAID, and the Policy Research and Analysis Division of the National Science Foundation. Internationally, he has worked with the Civil Aviation Authority in Brazil, the Egyptian Academy of Scientific Research and Technology and its National Research Center, Jordan's Marine Research Center, the Sudan's National Research Council; governments in Saudi Arabia, Australia and the Taiwan EPA. Dr. Haynes has been involved in higher education management in Texas, Ohio, Indiana, Massachusetts and Virginia, Canada, Malaysia and Kuwait. He has done strategic planning for private organizations (e.g., Xerox, Exxon) and public organizations (e.g., in southwest Pennsylvania, Indianapolis and Boston and the Kaohsiung Metropolitan Foundation).

Dr. Haynes was an originating member of the National Science Foundation's Decision, Risk and Management Science Panel and its transportation and infrastructure initiatives. His monograph on university R&D infrastructure investment patterns in the U.S. was used for the New Agenda for Science program of Sigma Xi and the National Science Foundation's infrastructure program. He was environmental chair for the International Exchange of Scholars, managing congressionally funded international scholar programs including the Fulbright exchanges. He served as a member of the board of the American Association for the Advancement of Science's Social, Economic and Political Science Section. He was a governor, and past-president and now Fellow of the Western Regional Science Association and completed a two-year term as President of the seventy-five nation Regional Science Association International. He has served as editor and has been on the editorial board of over a dozen international scholarly journals.

He received the Boyce Award in 1997 for his work in the seventy nation Regional Science Association International, the Anderson Medal in 2000 for his activity in Applied Research and the Ullman Award in 2003 in recognition of his contribution to transportation research, and in 2003 he was elected to the National Academy of Public Administration.

Previously Dr. Haynes was Professor of Geography and Public Policy and Chair of the Department of Geography at Boston University. At Indiana University he was Chair of the Urban, Regional Analysis and Planning Faculty in the School of Public and Environmental Affairs as well as Director of the University's Regional Economic Development Institute. At the University of Texas, Austin, he was a founding faculty member of the Lyndon B. Johnson School of Public Affairs, co-director of the West Texas Center for Environmental Studies and principal investigator of a four-year State of Texas/National Science Foundation study of the Texas Gulf Coast. He joined the University of Texas from McGill University, where he was a Lecturer.