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Michael McNally is on the faculty of the Department of Civil and Environmental Engineering, Director of the Graduate Program in Transportation Science, and a Faculty Associate of the Institute of Transportation Studies at the University of California, Irvine. He received his Ph.D. in Engineering in from UCI and was with the School of Urban and Regional Planning and the Department of Civil Engineering at USC prior to returning to UCI. Research interests focus on the study of complex travel behavior, investigations of interrelationships between transportation and activities, and the development of new technologies and modeling methodologies which reflect and support these research areas.

Among various research awards, he received a Presidential Young Investigator Award from the National Science Foundation. He has served as Principal Investigator on a variety of funded projects, including research and development relating to: operational models of activity-based travel forecasting, web-based self-administered travel surveys, GPS-based, wireless in-vehicle data collection systems, information technology for shared-use station car programs, multi-jurisdictional corridor decision support systems with integrated traffic micro-simulation models, the role of information on traveler behavior, and the evaluation of advanced traffic management and control technologies.

Recent work has included the development of the REACT! web-based activity survey (with Ming Lee) and the TRACER GPS-based vehicle data logger (with James Marca and Craig Rindt). TRACER has been integrated with REACT! and used in an evaluation of ZEVNET, a shared-use station car program in Irvine. Current projects focus on closer ties between the data needs of travel forecasting and traffic management, including the continued development of the AUTONET (vehicle-to-vehicle) and PTC (vehicle-to-infrastructure) projects and of CARTESIUS, a multi-agent traffic management decision support system.