

MORTON E. O'KELLY

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DEGREES

Ph.D., Geography, November 1981, McMaster University

Advisor: Michael J. Webber; External Examiner: Alan Wilson

M.A., Geography, November 1978, McMaster University

B.A. (Hons.), Geography and Economics, November 1976, University College Dublin

REPUTATIONAL MEASURES

Research Gate: https://www.researchgate.net/profile/Morton_Okelly

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I. BIO-SKETCH

DEGREES

Ph.D., Geography, November 1981, McMaster University

Advisor: Michael J. Webber; External Examiner: Alan Wilson

M.A., Geography, November 1978, McMaster University

B.A. (Hons.), Geography and Economics, November 1976, University College Dublin

A. Positions at Ohio State

2021-	Emeritus Professor; Academy Professor
2018-2020	Dean, Social and Behavioral Sciences
2015-2018	Chair, Department of Geography
2012-2015	Director, Center for Urban and Regional Analysis
2003-2011	Chair, Department of Geography
2000-2003	Associate Dean, College of Social and Behavioral Sciences
1999-2001	Project Leader, Urban and Regional Analysis Initiative
1990-2020	Professor, Department of Geography, Ohio State University.
1986-1990	Associate Professor, Department of Geography
1981-1986	Assistant Professor, Department of Geography, Ohio State University.

B. Visiting Positions

2007-2010	Visiting Scholar, NIRSA/NCG, National University of Ireland, Maynooth
2013-2015	Visiting Scholar, Federal University of Minas Gerais, Belo Horizonte, Brazil

II. PROFESSIONAL RECOGNITIONS and POSITIONS

A. Recognitions (Invited Talks, Research Awards, Prizes)

2021. ISOLDE XV Plenary talk, Wuppertal Germany (online)
2021. Edward J. Taaffe Lecture, The Ohio State University
2017. Lifetime Achievement in Locational Analysis, SOLA, INFORMS
2017. University College Dublin, Planning Anniversary, Invited Lecture, Dublin, Ireland
2016. *Art Getis Invited Lecture*: San Diego State University
2015. Invited lecture RSAI Dublin, Ireland. (Regional Studies Association)
- 2012-2015: *Joan N. Huber Faculty Fellow*, Social and Behavioral Sciences, Ohio State Univ.
- 2003-2004: SBC Faculty Fellow.
1998. *Edward L. Ullman Award*, Transportation Geography Specialty Group, Association of American Geographers.
- 1997-1999: Ameritech Faculty Fellow.
1982. *Warren G. Nystrom Award*, Association of American Geographers.
- 1978-1981: Ontario Graduate Scholarship.
- 1977-1978: Ford Foundation Fellowship in Urban Studies.
- 1976-1977: McMaster University Entrance Scholarship.
1976. Post Graduate Scholarship, University College Dublin (declined).
1974. Scholarship, University College Dublin.

B. Other Professional Positions

- 2021 National Science Foundation, HNDS-I Spring 2021 Advisory Panel
- 2019 National Science Foundation, Mentor
- 2018 National Science Foundation, RIDIR Panel

2016	Canada Research Chairs, Reviewer
2016	National Science Foundation, DDIB Panel
2016	National Science Foundation, Macro Panel
2014-	Member, TRB Committee AV040, Aviation Economics and Forecasting Committee; Transportation Research Board, National Academies of Science
2012-15	Ohio State Liaison to NEXTOR II -- a collaborative project on operations research in aviation.
Current	Referee for journals including Journal of Transport Geography, Networks, Geographical Analysis, European Journal of Operational Research and many others.
2012	European Research Network, appointed ad hoc reviewer.
2012	National Science Foundation, SRN Panel
2009- 2011	National Science Foundation, MMS Panel
2007-2010	Visiting Scholar NIRSA/NCG at the National University of Ireland, Maynooth
2008	National Science Foundation, CDI Panel [Proposals]
2007	National Science Foundation, Cyber-enabled Discovery Initiative (CDI) Panelist.
2003-2003	Canada Research Chairs Program College of Reviewers
1998-2000.	National Science Foundation, Geography & Regional Science Panel.
1993-1994.	National Science Foundation, NYI Panel.
1992-1996.	Association of American Geographers, Chair, Mathematical Models and Quantitative Methods Specialty Group.
1991-1992.	National Science Foundation, Dissertation Improvement Panel.

C. Editorial Activity

2007-12	<i>Compass</i> Editorial Board (Blackwell)
2005-09.	Annals, Association of American Geographers, Editorial Board, Methods Section
2005-08.	Papers in Regional Science, Editorial Board

2002-18 Geographical Analysis, Chair Executive Committee
1995-02. Geographical Analysis, Editor
1998-00. Annals, Association of American Geographers, Editorial Board
1992-98. Location Science, Associate Editor
1987-91. Abstracts in Locational Analysis, Editorial Board
1986-xx. Journal of Retailing, Editorial Board (completed service)
1985-95. Geographical Analysis, Associate Editor
1985-87. Professional Geographer, Editorial Board
1983-84. Modeling and Simulation, Editorial Board

III. PUBLICATIONS

A. Books, Monographs and Other Media

1996. E.J. Taaffe, H.L. Gauthier, M.E. O'Kelly, Geography of Transportation 2nd edition, Prentice Hall.

1989. A. S. Fotheringham and M.E. O'Kelly Spatial Interaction Models: Formulations and Applications, (Kluwer Academic: Amsterdam).

B. Journal Articles

[H] = Hub models; [R] = Retail and interaction models; [S] = Spatial analysis & GIS.

1. Peer reviewed journal articles and chapters

Revised September 2021

[S 115] 2021. L. Yue, M.E. O'Kelly, R. Wu, An empirical study of commuting efficiency between different educational categories of workers in Shanghai, forthcoming *Geographical Analysis*

[H 114] 2020. Sibel A. Alumur, James F. Campbell, Ivan Contreras, Bahar Y. Kara, Vladimir Marianov, M. E. O'Kelly. *Perspectives on Modeling Hub Location Problems*. In press, *European Journal of Operational Research*

[H 113] 2020. M. E. O'Kelly. Hub and Spoke Networks. *The International Encyclopedia of Geography*. Edited by Douglas Richardson, Noel Castree, Michael F. Goodchild, Audrey Kobayashi, Weidong Liu, and Richard A. Marston. DOI: 10.1002/9781118786352.wbieg2057, Wiley.

[H 112] 2020. M. E. O'Kelly. Gateways. *The International Encyclopedia of Geography*. Edited by Douglas Richardson, Noel Castree, Michael F. Goodchild, Audrey Kobayashi, Weidong Liu, and Richard A. Marston. DOI: 10.1002/9781118786352.wbieg2055, Wiley.

[H 111] 2019. Ivan Contreras, M.E. O'Kelly (2019) Hub Location Problems. In: Laporte G., Nickel S., Saldanha da Gama F. (eds) *Location Science*. Springer, Cham. Pages 327-363. (Online March 17, 2020)

[H 110] 2018. Sandro Jerônimo de Almeida, Caio Augusto D. Franco, Ricardo Poley Martins Ferreira, M.E. O'Kelly. Estimating flight path missing data. *Abakos, Journal of Interdisciplinary Studies on Science and Informatics*. November 2018 DOI: 10.5752/P.2316-9451.2018v7n1p84-105

[H 109] 2018. Luiza Bernardes Real, M.E. O'Kelly, G. de Miranda, R.S. de Camargo, Gateway hub location problem. *Journal of Advanced Transportation*. 73:95-112 DOI: 10.1016/j.jairtraman.2018.08.006

- [S 108] 2018. M.E. O’Kelly. Locational modeling in spatial analysis: development and maturity of concepts. In *Spatial Analysis and Location Modeling in Urban and Regional Systems*, Jean-Claude Thill (ed.). Pages 265-281. Advances in Geographic Information Science Series; Springer.
- [H 107] 2018. Yongha Park and M.E. O’Kelly. Examination of optimal aircraft fleets using empirical operation data in US aviation markets. *Journal of Air Transport Management*, 69, June 2018, Pages 224-234. DOI: 10.1016/j.jairtraman.2017.02.002.
- [H 106] 2017. G de Miranda, R S de Camargo, M.E. O’Kelly, J.F. Campbell. Formulations and Decomposition Methods for the Incomplete Hub Location Problem with and without hop-constraints. *Applied Mathematical Modeling*, 51 (2017) 274–301.
- [H 105] 2017. Yongha Park and M.E. O’Kelly. Origin-Destination Synthesis for Aviation Network Data: Examination of hub operations in the US domestic and international markets. *Journal of Advanced Transportation*, 50 (8), 2288-2305.
- [S 104] 2016. Yongha Park and M.E. O’Kelly, Exploring accessibility from spatial interaction data: An evaluation of the Essential Air Service (EAS) program in the contiguous US air transport system. *Environment and Planning A*. 49 (4), 930-951.
- [H 103] 2016. M.E. O’Kelly, Global Airline Networks: Comparative Nodal Access Measures. *Spatial Economic Analysis* 11(3), 253-275. <http://dx.doi.org/10.1080/17421772.2016.1177262>
- [S 102] 2015. Steven Farber, M.E. O’Kelly, H.J. Miller, Tijs Neutens, Measuring segregation using patterns of daily travel behavior: a social interaction based model of exposure. *Journal of Transport Geography*, 49, 26-38. [open access]
- [H 101] 2015. J.F. Campbell, G. Miranda, Jr., R.S. Camargo, R.S., M.E. O’Kelly, “Hub Location and Network Design with Fixed and Variable Costs,” Proceedings of the 48th Annual Hawaii International Conference on System Sciences, Computer Society Press, 1059-1067.
- [S 100] 2015. M.A Niedzielski, M.E. O’Kelly, E.E. Boschmann, Synthesizing spatial interaction data for social science research: Validation and an investigation of spatial mismatch in Wichita, Kansas. *Computers, Environment and Urban Systems*, 54, 204-218
- [H 99] 2015. M.E. O’Kelly, Henrique Pacca L. Luna, Ricardo S. de Camargo, Gilberto de Miranda Jr. Hub location problems with price sensitive demands. *Networks and Spatial Economics*, 15(4), 917-945.
- [H 98] 2015. M.E. O’Kelly. Network hub structure and resilience. Special Issue on “Resilience and Vulnerability in Spatial and Economic Networks.” *Networks and Spatial Economics*, 15(2), 235-251. DOI: 10.1007/s11067-014-9267-1
- [H 97] 2015. M.E. O’Kelly, James F. Campbell, Ricardo Camargo, Gilberto Miranda. Multiple Allocation Hub Location Model with Fixed Arc Costs. *Geographical Analysis* 47 (1): 73–96

- [H 96] 2014. Yongha Park and M.E. O’Kelly. Fuel burn rates of commercial passenger aircraft: variations by seat configuration and stage distance, *Journal of Transport Geography* 41:137-147. DOI: 10.1016/j.jtrangeo.2014.08.017
- [H 95] 2014. M.E. O’Kelly. Air Freight Hubs in the FedEx System: Analysis of Fuel Use. *Journal of Air Transport Management*, 36, 1-12.
- [H 94] 2014. Rafael M.A. Figueiredo, Morton E. O’Kelly and Nelio D. Pizzolato. A two-stage hub location method for air transportation in Brazil. *Intl. Trans. in Op. Res.* 21(2), 275–289. [Article first published online: 17 OCT 2013; DOI: 10.1111/itor.12052]
- [R 93] 2013. M.E. O’Kelly. Spatial Interaction. *International Encyclopedia of the Social and Behavioral Sciences*, 2nd edition. Elsevier.
- [H 92] 2013. Rafael M. A. Figueiredo, Morton O’Kelly, Nelio D. Pizzolato Hub-and-Spoke Location Proposal for Air Transport in South America, *Revista del Instituto Chileno de Investigación Operativa* 1, 21-38
- [S 91] 2013. Daniel A. Griffith, Yongwan Chun, Morton E. O’Kelly, Brian J. L. Berry, Robert P. Haining, Mei-Po Kwan, *Geographical Analysis: the first forty years*, *Geographical Analysis*, 45, 1-27.
- [H 90] 2012. M.E. O’Kelly Fuel Burn and Environmental Implications of Airline Hub Networks *Transportation Research D.* 17(7), 555-567.
- [S 89] 2012. M.E O’Kelly Models for spatial interaction data: computation and interpretation of accessibility. *Lecture Notes in Computer Science*, 7334, 249-262; DOI: 10.1007/978-3-642-31075-1. [Series title: Computational Science and Its Applications – ICCSA 2012 Proceedings, part II, Beniamino Murgante et al. eds.]
- [H 88] 2012. James F. Campbell and M.E. O’Kelly. Twenty-five years of hub location research. *Transportation Science*, 46(2), 153-169.
- [S 87] 2012. M.E. O’Kelly, Michael Niedzielski, Justin Gleeson. Spatial Interaction Models from Irish Commuting Data: Variations in Trip Length by Occupation and Gender. *Journal of Geographical Systems.* 14(4), 357-387.
- [S 86] 2012. M.E. O’Kelly. The Role of Geographic Expertise in International Border Disputes: a Study of the Middle of Lake Erie through Historical and Cartographic Perspectives. *Annals of the Association of American Geographers.* 102(1), 67-83.
- [R 85] 2011. Gunhak Lee and M.E. O’Kelly Competitive location modeling with rank proportional allocation. *Environment and Planning B: Planning and Design.* 38, 411-428.
- [S 84] 2011. Sunhee Sang, M.E. O’Kelly and Mei-Po Kwan. Examining Commuting Patterns: Results from a Journey-to-Work Model Disaggregated by Gender and Occupation. *Urban Studies*, 48(5),

891-909.

- [S 83] 2011. M.E. O’Kelly. Transport Geography, in *A Dictionary Of Transport Analysis* Edited by Kenneth Button, Henry Vega, and Peter Nijkamp, Edward Elgar Pub., pp 452-455.
- [H 82] 2011. M.E. O’Kelly. Location and Transport, in *A Dictionary Of Transport Analysis* Edited by Kenneth Button, Henry Vega, and Peter Nijkamp, Edward Elgar Publ., pp 243-246.
- [S 81] 2010. M.E. O’Kelly. Entropy Based Spatial Interaction Models for Trip Distribution. *Geographical Analysis*, 42(4), 472-487.
- [H 80] 2010. M.E. O’Kelly. Routing traffic at hub facilities. *Networks and Spatial Economics*. 10, 173-191.
- [H 79] 2009. M.E. O’Kelly. Rectilinear minimax hub location. *Journal of Geographical Systems* 11(3), 227-241.
- [S 78] 2009. M.E. O’Kelly and Michael Niedzielski. Are long commute distances inefficient and disorderly? *Environment and Planning A*, 41(11), 2741-2759.
- [S 77] 2009. Gunhak Lee and M.E. O’Kelly. Exploring locational equilibria in a competitive broadband access market: theoretical modeling approach. *Journal of Regional Science*, 49(5), 953-975.
- [H 76] 2009. M.E. O’Kelly. Hub Network Location. In Kitchin R, Thrift N (eds) International Encyclopedia of Human Geography, Volume 5, pp. 213-217. Oxford: Elsevier.
- [S 75] 2009. M.E. O’Kelly. Spatial Interaction Models. In Kitchin R, Thrift N (eds) International Encyclopedia of Human Geography, Volume 10, pp. 365-368. Oxford: Elsevier.
- [H 74] 2009. Hyun Kim and M.E. O’Kelly. Reliable p-hub location problems in telecommunication networks. *Geographical Analysis*, 41(3), 283-306.
- [S 73] 2008. Youngho Kim and M.E. O’Kelly. A bootstrap based space-time surveillance model with an application to crime occurrences. *Journal of Geographical Systems*, 10(2) 141-165.
- [R 72] 2009. M.E. O’Kelly. Applied retail location models using spatial interaction tools, in A.S. Fotheringham and P.A. Rogerson (editors) The SAGE Handbook of Spatial Analysis, (SAGE Publications, London), 419-442.
- [R 71] 2008. Guoxiang Ding and M.E. O’Kelly. Choice-Based Estimation of Alonso’s Theory of Movement: Methods and Experiments. *Environment and Planning A*, vol 40(5), 1076-1089.
- [S 70] 2008. A.T. Murray, M.E. O’Kelly R.L. Church, Regional Service Coverage Modeling. *Computers and Operations Research*, 35 (2), 339-355.
- [S 69] 2008. M.E. O’Kelly and Michael Niedzielski. Efficient spatial interaction: attainable reductions in

- metropolitan average trip length. *Journal of Transport Geography*, 16 (5), 313-323.
- [S 68] 2007. M.W. Horner and M.E. O’Kelly. Is Non-work Travel Excessive? *Journal of Transport Geography*, 15 (6), 411-416.
- [S 67] 2007. M.E. O’Kelly. The impact of accessibility change on the geography of crop production: A reexamination of the Illinois and Michigan canal using GIS. *Annals, Association of American Geographers*, 97(1), 49-63.
- [H 66] 2007. M.E. O’Kelly and Hyun Kim, Survivability of Commercial Backbones with Peering: A Case Study of Korean Networks, in Murray, A.T. and T.H. Grubestic (editors). Critical Infrastructure: Reliability and Vulnerability (Berlin: Springer-Verlag), pp 107-128. [Chapter]
- [S 65] 2006. Goel, P.K., McCord, M.R., Ruan, S., O’Kelly, M. Bayesian estimation of statewide OD flows using link volumes estimated from combined information in remotely sensed data and ground counts *Applications of Advanced Technology in Transportation - Proceedings of the Ninth International Conference on Applications of Advanced Technology in Transportation*, pp. 418-423
- [H 64] 2006. M.E. O’Kelly, Hyun Kim and Changoo Kim, Internet reliability with realistic peering. *Environment and Planning B*. 33:325-343.
- [S 63] 2005. M.E. O’Kelly, Wook Lee. Disaggregate journey-to-work data: Implications for excess commuting and jobs-housing balance. *Environment and Planning A*, volume 37(12): 2233 – 2252.
- [H 62] 2005. M.W. Horner, M.E. O’Kelly. A Combined Cluster and Interaction Model: The Hierarchical Assignment Problem. *Geographical Analysis*, 37(3), 315-335.
- [S 61] 2005 M.E. O’Kelly, Timothy Matisziw, Ron Li, Carolyn Merry, Xutong Niu. Identifying Truck Correspondence in Multi-Frame Imagery. *Transportation Research C*, 13, 1-17.
- [S 60] 2004. M.E. O’Kelly and A.T. Murray. A lattice covering model for evaluating existing service facilities. *Papers in Regional Science*, 83, 565-580.
- [S 59] 2004 M.E. O’Kelly. Isard’s contributions to Spatial Interaction Modeling. *Journal of Geographical Systems*. 6(1), 43-54.
- [S 58] 2003. M.E. O’Kelly and M.W. Horner. Aggregate Accessibility to Population at the County Level: U.S. 1940-2000. *Journal of Geographical Systems*, 5(1), 5-23.
- [S 57] 2003. Mei-Po Kwan, Alan T. Murray, M.E. O’Kelly, Michael Tiefelsdorf. Recent advances in accessibility research: representation, methodology and applications *Journal of Geographical Systems*, 5(1), 129-138.
- [H 56] 2003. T. H. Grubestic, M.E. O’Kelly and A.T. Murray. A geographic perspective on commercial

- Internet survivability, *Telematics and Informatics*, 20 51-69.
- [S 55] 2002. A.T. Murray and M.E. O'Kelly. Assessing representation error in point-based coverage modeling. *Journal of Geographical Systems*, 4, 171-191.
- [H 54] 2002. M.E. O'Kelly and T.H Grubestic. Backbone topology, access, and the commercial internet. *Environment and Planning B*, 29, 533-552.
- [H 53] 2002. T.H Grubestic and M.E. O'Kelly. Using points of presence to measure city accessibility to the commercial internet. *Professional Geographer*, 54(2), 257-278.
- [H 52] 2002. M.E. O'Kelly and D. Bryan, Interfacility interaction in models of hubs and spoke networks. *Journal of Regional Science*, 42(1), 145-165.
- [S 51] 2002. M.E. O'Kelly and B.A. Mikelbank, "Social Change and Transportation in U.S. Edge Cities," in William R. Black and Peter Nijkamp (editors) *Social Change and Sustainable Transport*, Indiana University Press. [Book Chapter]
- [H 50] 2001. Horner, M. and M.E. O'Kelly, Embedding economy of scale concepts for hub network design. *Journal of Transport Geography*, 9 (4), 255-265.
- [S 49] 2001. H. Liu, K. Jezek and M.E. O'Kelly, 2001 "Detecting outliers in irregularly distributed spatial data sets by locally adaptive and robust statistical analysis and GIS". *International Journal of Geographical Information Science*, 15 (8), 721-741.
- [R 48] 2001. M.E. O'Kelly, "Retail market share and saturation," *Journal of Retailing and Consumer Services*, 8(1), 37-45.
- [S 47] 2000. M.E. O'Kelly, "GIS and educational and instructional challenges," *Journal of Geographical Systems*, 2, 23-29.
- [H 46] 1999. D. Wheeler and M.E. O'Kelly, "Network topology and city accessibility of the commercial internet," *The Professional Geographer*, 51(3), 327-339.
- [H 45] 1999. D. Bryan and M.E. O'Kelly, "Hub and spoke networks in air transportation: an analytical review," *Journal of Regional Science*, 39(2), 275-295.
- [R 44] 1999. M.E. O'Kelly, "Trade area models and choice based samples: methods," *Environment and Planning A*, 31(4), 613-627
- [H 43] 1998. M.E. O'Kelly and D. Bryan, "Hub location with flow economies of scale," *Transportation Research B*, 32(8), 605-616.
- [H 42] 1998. M.E. O'Kelly, "A geographer's analysis of hub-and-spoke networks," *Journal of Transport Geography*, 6(3), 171-186. Reprinted in *Transport: Critical Essays in Human Geography* Susan Hanson and Mei-Po Kwan (Eds.) Contemporary Foundations of Space and Place, Ashgate.

- [H 41] 1998. M.E. O’Kelly, “On the allocation of a subset of nodes to a mini-hub in a package delivery network,” *Papers, Regional Science Association*, 77(1),77-99.
- [R 40] 1997. McCord, M., D. Hidalgo, P. Goel, and M.E. O’Kelly, “Value of Traffic Assignment and Flow Prediction in Multiattribute Network Design: Framework, Issues, and Preliminary Results,” *Transportation Research Record*, 1607, 171-177.
- [R 39] 1997. D.-S. Yun and M.E. O’Kelly, “Modeling the day-of-the-week shopping activity and travel patterns,” *Socio-Economic Planning Sciences*, 31(4), 307-319.
- [H 38] 1996. M.E. O’Kelly, D. Bryan, D. Skorin-Kapov, J. Skorin-Kapov, “Hub network design with single and multiple allocation: a computational study,” *Location Science*, 4(3), 125-138.
- [H 37] 1996. D. Skorin-Kapov, J. Skorin-Kapov, M.E. O’Kelly, “Tight linear programming relaxations of uncapacitated p-hub median problems,” *European Journal of Operational Research*, 94(3), 582-593.
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- [H/S 35] 1995. M.E. O’Kelly, 1995, “Inferred ideal weights for multiple facilities,” in Drezner, Z. (editor) *Facility Location*, pages 69-88. Springer-Verlag. [Book Chapter]
- [R 34] 1995. M.E. O’Kelly, W. Song, G. Shen, 1995, “New estimates of gravitational attraction by linear programming,” *Geographical Analysis*, 27(4), 271-285.
- [H 33] 1995. M.E. O’Kelly, D. Skorin-Kapov, S. Skorin-Kapov, 1995, “Lower bounds for the hub location problem,” *Management Science*, 41, 713-721.
- [H 32] 1994. M.E. O’Kelly and H. Miller, “The hub network design problem: a review and synthesis,” *Journal of Transport Geography*, 2(1), 31-40.
- [S 31] 1993. M.E. O’Kelly, “Spatial Analysis and GIS.” in A.S. Fotheringham and P. Rogerson (editors), *Spatial Analysis and GIS* (Taylor and Francis), pp. 65-79. [Book Chapter]
- [H 30] 1992. M.E. O’Kelly, “Hub facility location with fixed costs,” *Papers in Regional Science*, 71(3), 293-306.
- [H 29] 1992. M.E. O’Kelly, “A clustering approach to the planar hub location problem,” *Annals of Operations Research*, 40, 339-353.
- [S 28] 1992. J.R. Current and M.E. O’Kelly. “Locating emergency warning sirens,” *Decision Sciences*, 23(1), 221-234.
- [H 27] 1991. M.E. O’Kelly and H. Miller, “Solution strategies for the single facility minimax hub location

- problem.” *Papers Regional Science Association*, 70(4), 367-80.
- [H 26] 1991. M.E. O’Kelly and Y. Lao, “Mode choice in a hub-and-spoke network: a zero-one linear programming approach,” *Geographical Analysis*, 23(4), 283-297.
- [R 25] 1991. H. Miller, M.E. O’Kelly, “Properties and estimation of a production-constrained Alonso model,” *Environment and Planning A*, 23, 127-138.
- [R 24] 1989. M.E. O’Kelly and H. Miller, “A synthesis of some market area delimitation models,” *Growth and Change*, 20(3), 14-33.
- [S 23] 1989. M.E. O’Kelly, “Equilibrium in a two crop model with a low cost transportation route,” *Environment and Planning A*, 21, 385-396.
- [S 22] 1988. M.E. O’Kelly, “Aggregate rent and surplus measurement in a von Thunen model,” *Geographical Analysis*, 20(3), 187-197.
- [R 21] 1987. M.E. O’Kelly, “Spatial interaction based location-allocation models,” in A. Ghosh and G. Rushton (editors) *Spatial analysis and location-allocation models*, (van Nostrand), pp. 302-326. [Book Chapter]
- [H 20] 1987. M.E. O’Kelly, “A quadratic integer program for the location of interacting hub facilities,” *European Journal of Operational Research*. 32,393-404.
- [H 19] 1986. P.G. Grove and M.E. O’Kelly, “Hub networks and simulated schedule delay,” *Papers of the Regional Science Association*, 59, 103-119.
- [H 18] 1986. M.E. O’Kelly, “Activity levels at hub facilities in interacting networks,” *Geographical Analysis*, 18(4), 343-356.
- [H 17] 1986. M.E. O’Kelly, “The location of interacting hub facilities,” *Transportation Science*, 20, 92-106.
- [R 16] 1985. E.J. Miller and M.E. O’Kelly. “Estimating shopping destination choice models from travel diary data - reply,” *Professional Geographer*, 37(2), 195-196.
- [R 15] 1984. M.E. O’Kelly and J.E. Storbeck. “Hierarchical location models with probabilistic allocation,” *Regional Studies*, 18(2), 121-129.
- [R 14] 1984. M.E. O’Kelly and E.J. Miller. “Characteristics of multistop multipurpose travel: an empirical study of trip length,” *Transportation Research Record*, 976, 33-39.
- [S 13] 1984. Y.Y. Papageorgiou and M.E. O’Kelly. “Guidelines for designing an abstract new town,” *Geographical Analysis*, 16(2), 97-120.
- [R 12] 1983. M.E. O’Kelly, “Impacts of multistop multipurpose trips on retail distributions,” *Urban*

Geography, 4(2), 173-190.

- [R 11] 1983. M.E. O'Kelly, "Multipurpose shopping trips and the size of retail facilities," *Annals, Association of American Geographers*, 73(2), 231-239.
- [R 10] 1983. E.J. Miller and M.E. O'Kelly. "Estimating shopping destination choice models from travel diary data," *Professional Geographer*, 35(4), 440-449.
- [R 09] 1981. M.E. O'Kelly, "A model of the demand for retail facilities, incorporating multistop, multipurpose trips," *Geographical Analysis* 13 (2), 134-148.
- [S 08] 1981. M.E. O'Kelly, "Generalized information measures," *Environment and Planning A*, 13, 681-688.
- [R 07] 1981. M.J. Webber and M.E. O'Kelly. "Empirical tests and sensitivity analysis of a model of residential and facility location," *Geographical Analysis* 13 (4), 398-411.
- [R 06] 1979. M.E. O'Kelly, "Two models of Canadian interregional migration," *Canadian Journal of Regional Science*, 2, 59-80.
- [S 05] 1979. J.A. Walsh and M.E. O'Kelly. "An information theoretic approach to measurement of spatial inequality," *Economic and Social Review*, 10, 267-286.

2. Conference Proceedings

- [H 04] 1985. M.E. O'Kelly and P.G. Grove, "Hub networks and schedule delay in the air passenger transportation system," *Modeling and Simulation*, 16(1), 337-341, Proceedings of the Sixteenth Annual Pittsburgh Conference.
- [R 03] 1983. M.E. O'Kelly and Y.Y. Papageorgiou. "Congestion and spillovers in a model of an optimal new town," *Modeling and Simulation*, 14(3), 835-839, Proceedings of the Fourteenth Annual Pittsburgh Conference.
- [S 02] 1982. M.E. O'Kelly and Y.Y. Papageorgiou. "A simultaneous nonlinear system representing an optimal new town," *Modeling and Simulation*, 13(3), 1267-1271, Proceedings of the Thirteenth Annual Pittsburgh Conference.
- [R 01] 1979. M.J. Webber and M.E. O'Kelly et al. "A realistic information-minimizing model," *Modeling and Simulation*, 10 (4), 1341-1346, Proceedings of the Tenth Annual Pittsburgh Conference.

3. Work in Progress

T. Drezner, M.E. O'Kelly, Z. Drezner, Multipurpose Shopping Trips and Location, *manuscript in preparation*

L. Yue, M.E. O'Kelly, Rents and wages as derived from spatial interaction analysis in Shanghai,
manuscript in preparation.

4. Regional Journals

[R] 1990. H. Miller, M.E. O'Kelly, "Incorporating situational effects into retail market area delimitation,"
The Operational Geographer, 8(2), 9-12.

[R] 1979. M.J. Webber, M.E. O'Kelly and P.D. Hall. "Empirical tests on an information-minimising model
of consumer characteristics and facility location," in Ontario Geography 13, 61-80. Abstract
published in the proceedings of the 74th Annual Meeting, Association of American Geographers,
New Orleans, p.55.

C. Research Grants

2015-17 H.J. Miller and M.E. O'Kelly, "Estimating external travel using purchased third-party data"
Center for Urban and Regional Analysis and Department of Geography; \$631,662; Start Date:
09/04/2015. Project #: 60048313/GRT00038011.

2015-16 M.E. O'Kelly (PI) Methods for improving bicycle sharing system balance; Nextran Grant from
Purdue; Project: 60052138 Title: 170OSUY2.2

2013-15 M.E. O'Kelly (co-PI) Longitudinal database for Ohio Research. (NSF/PI Olsen)

2013-15 M.E. O'Kelly, Ricardo Camargo et al. Collaborative funds with UFMG, Brazil. Science Without
Borders.

2013-15 M.E. O'Kelly, Airport access. NextTran Year V Funds. (Awarded.)

2012-14 M.E. O'Kelly, Air freight and fuel use. NextTran Year IV Funds. Purdue.

2012-15 M.E. O'Kelly, H.J. Miller, and Steve Farber, Collaborative Research: Interaction Potential and
the Social and Economic Vibrancy of Metropolitan Regions. (Awarded.)

2011-12 M.E. O'Kelly, Air access index. Seed Grant Center for Aviation Studies, Ohio State University.

2011-14 M.E. O'Kelly, "The Environmental Impact of Gateways and Hubs in International Air
Transportation," The National Science Foundation. BCS-1125840

2003-04. M.E. O'Kelly, The vulnerability and resilience of hubs in communications networks, SBC Faculty
Research Fellowship, Ohio State University Graduate School.

- 2000-04. Joel L. Morrison, M.E. O'Kelly, Carolyn J. Merry, and Rongxing Li, US DOT, Remote sensing of transportation flows - project #5. 739153 [03/08/2000- 03/07/2004] \$101,968 [Continuation of M.E. O'Kelly, (PI) Carolyn Merry, Ron Li (Co-PIs) "NCRST-Flow Project: using satellite imagery for transportation analysis" USDOT and Center for Mapping, Ohio State University.]
- 2000-01. M.E. O'Kelly and URAI, Base funding for the new Urban and Regional Analysis Initiative, project funded by Campus Collaborative
- 2000-01. M.E. O'Kelly, "The location of hubs in networks," The National Science Foundation. SBR-9876455. REU Supplement.
- 1999-02. M.E. O'Kelly, "The location of hubs in networks," The National Science Foundation. SBR-9876455.
- 1997-99. M.E. O'Kelly, International Levels of Telecommunications Infrastructure: Comparisons and Models, Ameritech Faculty Fellowship, Ohio State University Graduate School.
- 1995-97. M.E. O'Kelly, PI, R. Jackson, D. Marble, L.A. Brown, and H. Moellering, co-PIs, Academic Research Infrastructure proposal funded by National Science Foundation and OSU. "Acquisition of a Departmental Research Network for the Analysis of Spatial Data" National Science Foundation SBR-9512451
- 1993-94. May. Using a Geo-Demographic Information System to Assess Shopping Centers, International Council of Shopping Centers: Educational Foundation.
- 1993-94. August. Equipment Supplement, The National Science Foundation: DMS-9200292.
- 1992-95. May. (with Darko and Jadranka Skorin-Kapov) "Mathematical Sciences: Sensitivity of Solutions to the Problem of Locating Hub Facilities," The National Science Foundation: DMS-9200292.
- 1991-92. Urban Affairs: A Geographical Information System to map 1980-1990 Block Group Changes in Franklin County.
- 1989-90. "Models of the Location of Interacting Hub Facilities," The National Science Foundation: SES-8821227, REU Supplement.
- 1989-90. "A Feasibility Study for a Franklin County Geographical Information System." Support from the Homer Hoyt Institute.
- 1989-90. "A Clustering Approach to the Planar Hub Location Problem," Ohio Supercomputer Center. Start-up resource allocation.
- 1989-91. "Models of the Location of Hub Facilities," The National Science Foundation: SES-8821227.
1987. "An information system for mapping small area census data." The Urban Assistance Program,

Committee on Urban Affairs, The Ohio State University with additional support from the Homer Hoyt Institute.

1986. July - 1987, March. "Models of the size and location of interacting facilities," funding supplement National Science Foundation SES-8644369.
1986. August. (with A.J. Arnfield) Equipment grant for the Spatial Analysis Laboratory, through the College of Social and Behavioral Science.
1984. January. "Models of the size and location of interacting facilities," National Science Foundation SES-8309590.
1983. July. "The impacts of inner city job creation on residential neighborhoods," College of Social and Behavioral Sciences, Ohio State University.
1983. January. "The socio-economic characteristics of urban jobs and enterprise zones; an analysis of 15 Ohio Cities." The Urban Assistance Program, Committee on Urban Affairs, Ohio State University.
1981. December. "Urban public service provision under various assumptions about travel behavior," to College of Social and Behavioral Science, Ohio State University.

IV. OTHER PUBLICATIONS

A. Book Reviews

2005. Spatial Interaction Modelling: A Regional Science Context Series: Advances in Spatial Science, Roy, J.R., [Springer. 2004, X, 239 p. 7 illus., ISBN: 3-540-20528-4] *Growth and Change*
1988. Spatial Transportation Modeling, Werner, C., *Annals of Regional Science*, 22(1), 131.
1986. SIMODEL Review, Williams, P. and Fotheringham, A.S, *Professional Geographer* 38(1), 102-103.
1986. Consumer spatial behavior, Bacon, F., *Geographical Analysis*, 18, p. 176.
1985. M.J. Webber, Explanation, Prediction and Planning: The Lowry Model, *Professional Geographer*, 37(2), 256-257.
1984. J.F. Thisse and H. Zoller, Locational analysis of public facilities, *Annals of the Association of American Geographers*, 75(1), 157-8.
1984. James Killen, Mathematical programming methods for geographers and planners, *Professional Geographer*. 36(3), 390-391.
1983. Neil Wrigley and Robert Bennett, editors, Quantitative Geography: A British View; *Annals, Association of American Geographers*, 73(2), 318-321.

B. Research and Government Reports

A list of consultation experience is available on request.

1988. August, "Loeb Electric, Feasibility Study."

1988. February, "Information system for mapping small area data" preliminary report prepared for the Urban Assistance Program/Committee on Urban Affairs.

1987. November, "Bellefontaine Retail Survey Results," report to the Greater Logan County, Chamber of Commerce.

1983. "Ohio's enterprise zones," a report prepared for the Urban Assistance Program.

C. Other Published Material

1991. April, (with E.J. Taaffe) "Temporal variations in distance-decay parameters in air transportation," Abstracts of the 87th Annual Meeting, Association of American Geographers, Miami, Florida.

1991. February, (with Kerry Vandell and Grant Thrall) Homer Hoyt Institute/NACORE Location Analysis Seminar, International Association of Corporate Real Estate Executives, West Palm Beach, Florida.

1990. April, (with H.J. Miller) "Routing problems in hub networks," Abstracts of the 86th Annual Meeting, Association of American Geographers, Toronto, Ontario, page 186.

1989. April, (with H.J. Miller) "An application of the Alonso spatial interaction framework to market area delimitation," Abstracts of the 85th Annual Meeting, Association of American Geographers, Baltimore, Maryland, page 141.

1988. April, "Hub networks and simulated schedule delay," P.G. Grove and M.E. O'Kelly, Abstracted in Russian, in Geography, Soviet Abstract Journal.

1988. April, "Hub networks and spatial interaction: an overview," Abstracts of the 84th Annual Meeting, Association of American Geographers, Phoenix, Arizona.

1987. June, "Solutions for some minimax hub location problems," preprints of ISOLDE IV, Presses Universitaires de Namur, Namur Belgium.

1987. April, "A synthesis of some market area models," Abstracts of the 83rd Annual Meeting, Association of American Geographers, Portland, Oregon, p. 76.

1986. April, "Congestion and transportation costs in hub networks," Abstracts of the 82nd Annual Meeting, Association of American Geographers, Minneapolis, St. Paul. Sect. 187.

1985. April, "The location of hub facilities," Abstracts of the 81st Annual Meeting, Association of American Geographers, Detroit, Session 66.
1984. April, "Ohio's enterprise zones," Abstracts of the 80th Annual Meeting, Association of American Geographers, Washington, D.C., p. 389.
1983. April, (with S.A. Foster.) "An interaction approach to public facility location: model formulation and a West Virginia case study." Abstracts of the 79th Annual Meeting, Association of American Geographers, Denver, p.107.
1982. April, "The impact of multistop multipurpose trips on spatial interaction and retail distribution." Abstracts of the 78th Annual Meeting, Association of American Geographers, San Antonio, p. 81.
1981. April, "Retail facility location," Abstracts of the 77th Annual Meeting, Association of American Geographers, Los Angeles, p. 117.
1981. Impacts of multipurpose trip-making on spatial interaction and retail facility size, Unpublished Ph.D. dissertation, McMaster University, Hamilton, Ontario.
1980. April, "Multistop multipurpose trips," Abstracts of the 76th Annual Meeting, Association of American Geographers, Louisville, p. 204.
1979. April, (with D. McCafferty and M. J. Webber.) "Disaggregate and aggregate models of choice of destination for shopping," Abstracts of the 75th Annual Meeting, Association of American Geographers, Philadelphia, p. 237.
1978. Empirical tests of an entropy maximising model of retail location and consumer behavior, Unpublished M. A. Research Paper, McMaster University, Hamilton, Ontario.

D. Research Related Activities

1. Papers Presented at Professional Meetings

2018. M.E. O'Kelly. Discussant, *Advances in Spatial Interaction Models and Methods In the Big Data Era II*. Organized by Taylor Oshan. New Orleans AAG.
2018. M.E. O'Kelly. Convener, Panel Sessions on *Geographical Analysis*. A Globe-Shaped Crystal Ball: The Next Fifty Years of Geographical Analysis III, panel reflections on the 50th Anniversary of the Journal. Organized by Rachel Franklin. New Orleans AAG.
2017. M.E. O'Kelly, Hub Location Panel Member, ISOLDE XIV, Toronto (July 2017).

2017. M.E. O’Kelly. Discussant: Fleming Lecture on Sustainable Transportation for the 86%: Location Models and Survey Research for Planning Alternative-Fuel Infrastructure (delivered by Mike Kuby). Boston AAG. (April 7, 2017)
2016. Steven Farber, M.E. O’Kelly, H.J. Miller, T. Neutens. “Measuring Segregation Using Patterns of Daily Travel Behavior: A Social Interaction-Based Model of Exposure,” paper presented to the annual meetings of the Transportation Research Board, Washington D.C. (presentation by Farber).
2015. Morton E. O’Kelly presentation to Special blue ribbon session honoring Dr. Lawrence A. Brown, AAG Meetings Chicago. (4/23/2015)
2015. Yongha Park, Morton E. O’Kelly Origin-Destination Synthesis for Aviation Network Data: Validation and Application for International Flows in the Paper Session: Air transport geographies: comparing Europe and North America (I), AAG Meetings Chicago. 4/24/2015. [Presented by Park]
2015. James F. Campbell, Gilberto de Miranda Jr., Ricardo S. de Camargo, Morton E. O’Kelly. “Hub Location and Network Design with Fixed and Variable Costs” 48th Annual Hawaii International Conference on System Sciences (HICSS), Kauai, Hawaii, January, 2015.
2014. Yongha Park, Morton O’Kelly Operational Assessment of Fuel Consumption with Aircraft Fleet Composition for Long-haul Intercontinental Passenger Flights, in the Paper Session: Spatial Optimization and Analysis I, 4/12/2014. AAG Meetings Tampa. [Presented by Park]
2014. James F. Campbell, Gilberto de Miranda Jr., Ricardo S. de Camargo, Morton E. O’Kelly. “Modeling Hub Location and Network Design with Fixed and Variable Costs”, INFORMS National Meeting, San Francisco, CA, November, 2014.
2013. M.E. O’Kelly NARSC Meetings 2013 Atlanta, November 2013. Location and Spatial Analysis: 40 years of Maximal Covering: Friday Nov 15, Discussant Session II; Presenter Session III; Chair Session V.
2013. M.E. O’Kelly Ricardo S. de Camargo, Gilberto de Miranda, Henrique P.F. Luna. Hub location problems with price sensitive demands; Location and Spatial Analysis. NARSC Meetings 2013 Atlanta, November 2013.
2013. M.E. O’Kelly November 2013 The role of fixed costs in the design of optimal transportation hub networks. Seminar Presentation University of Minnesota.
2013. Morton E. O’Kelly, Hub Location: A Geographical Analysis: Spatial Analysis and Modeling Plenary Lecture and Geographical Analysis Reception, AAG Annual Meeting 2013.
2013. Jean Claude Thill, Fleming Lecture in Transportation Geography: About Flows, Spatial Interaction, and Spatial Economic Organization; Transport Geography Specialty Group; Discussant: Morton E. O’Kelly - Ohio State University 4/11/13.

2013. M.E. O'Kelly "Web-based airports data tool." Tuesday, January 15, 2013, in Washington, DC, as part of the session on Aviation Economics and Forecasting, TRB.
2013. M.E. O'Kelly "Air Freight Hubs in the FedEx System: Data and Spatial Analysis," Sunday, January 13, 2013, in Washington, DC, as part of the session on Challenges in Forecasting and Analyzing Air Cargo Traffic and Performance, TRB.
2012. M.E. O'Kelly Air Passenger Accessibility: Models and Interpretations, paper presented at OTEC, Columbus, Ohio. (October)
2012. M.E. O'Kelly Models for spatial interaction data: computation and interpretation of accessibility, paper presented at ICCSA 2012, Salvador, Brazil. (June)
2012. M.E. O'Kelly Environmental Implications of Hub Networks, presented at the 2012 AAG Meetings NYC. (February)
2011. M.E. O'Kelly Environmental Implications of Hub Networks, INFORMS Charlotte, November 2011; *[location track session organized by Tammy Drezner]*.
2011. M.E. O'Kelly Capacity Constraints: Preferences and Shuffling Algorithms. NARSC Miami (with Martin Spollen), November 2011. [NI Schools, Spollen is a Fulbright Fellow]; *[location track organized by Tim Matisziw and Tony Grubestic]*.
2011. M.E. O'Kelly. Environmental Implications of Hub Networks, and Hub Research Overview, Presentations to Transport Group, Department of Civil Engineering, Coimbra University, Coimbra, Portugal.
2011. M.E. O'Kelly Environmental Implications of Hub Networks, paper presented to invited session, EWGLA XIX, Nantes France, October 13, 2011; *[hub location track organized by James Campbell and Sibel Alumur]*.
2011. James F. Campbell and M.E. O'Kelly 25 Years of hub and spoke research, paper presented to invited session, EWGLA XIX, Nantes France, October 14, 2011. [Presented by JFC]
2011. M.E. O'Kelly Hub Networks: Environmental Implications of Gateways, presented at AAG Annual Meeting, Seattle Washington, 4/12/11.
2010. M.E. O'Kelly. Workshops on hub location. PUC Rio, Rio de Janeiro, Brazil. May-June 2010.
2010. M.E. O'Kelly. Spatial Interaction Models for Trip Distribution, presented at AAG Annual Meeting, Washington DC, April 2010.
- 2010 Figueiredo, R.M.A., Pizzolato, N.D.P., Diallo, M., O'Kelly, M.E., Passengers Air Transport System with Mini and Major Hubs: a Case Study Applied to Brazil, XXIV European Conference on Operational Research (EURO) – Lisboa, Portugal, July 11th to 14th, 2010. (presented by

Pizzolato)

- 2009 Figueiredo, R.M.A., Pizzolato, N.D.P., Diallo, M., O’Kelly, M.E., Cargo and Passengers Air Transport: A Hub Location Problem in Brazil, Abstract, 23rd European Conference on Operational Research – EURO 2009, Bonn, Germany, July 5th to 8th, 2009. (presented by Figueiredo)
- 2009 Research on Trip Distribution: Models and Applications to Irish Commuting, presented at AAG Annual Meeting, Las Vegas Nevada, March 2009.
2009. M.E. O’Kelly. Hub Location. Invited Plenary talk SOBRAPO XLI, Porto Seguro, Brazil, September 1-4, 2009.
- 2008 M.E. O’Kelly, Rectilinear minimax hub location problems. Paper presented at ISOLDE Session on Hub Location (4), Chair: Tanja Meyer; International Symposium on Locational Decisions, ISOLDE XI. Santa Barbara CA. June 26 – July 1, 2008.
- 2008 M.E. O’Kelly, Trip distribution sensitivity analysis - how difficult is it to reduce average trip length? Paper presented in sessions on “Commuting, Land Use, and Spatial Structure,” Boston Annual Meeting, AAG.
- 2007 M.E. O’Kelly, The Impact of the Illinois and Michigan Canal. Paper presented in sessions on “GIS and the History of Transportation,” San Francisco Annual Meeting, AAG.
- 2007 M.E. O’Kelly and Michael Niedzielski, Computing and calibrating disaggregated spatial interaction models. [Geocomputation Session on Algorithms and architecture] Proceedings of the 9th International Conference on Geocomputation National Centre for Geocomputation National University of Ireland, Maynooth 3-5 September 2007
- 2006 Hyun Kim, Morton E. O’Kelly *p-Hub Dispersion Models for Reliable Design in Telecommunication Network*. The North American Regional Science Council Canadian Regional Science Association 53rd Annual North America Meetings of the Regional Science Association International Toronto November 16-18, 2006 (session #88 - Location Modeling IV)
- 2006 Morton E. O’Kelly, Michael Niedzielski, *Energy Consumption and Spatial Interaction*. The North American Regional Science Council Canadian Regional Science Association 53rd Annual North America Meetings of the Regional Science Association International Toronto November 16-18, 2006 (session #131 – Transportation and the Environment)
- 2006 Morton E. O’Kelly, *Network Links and Flow Transfers at Hubs*. The North American Regional Science Council Canadian Regional Science Association 53rd Annual North America Meetings of the Regional Science Association International Toronto November 16-18, 2006 (Session #37 – Location Modeling I)
- 2006 Prem K. Goel, Mark R. McCord, Shiling Ruan, and Morton O’Kelly. Bayesian Estimation of OD Flows using Link Volumes Estimated from Combined Information in Ground Counts and Remotely

- Sensed Data. June 2006 AATT Conference in Chicago.
- 2006 AAG / O'Kelly (panelist), *Transport advances. Chicago IL*
- 2006 AAG / O'Kelly & Kim (presenter), *Internet paper. Chicago IL*
- 2005 Morton O'Kelly (presenter), Guoxiang Ding *Retail Choice Models from Customer Data: Implications for Competition, Scale and Location.* North American Regional Science Council North American Meetings of the Regional Science Association International 52nd Annual Conference November 10-12, 2005 Las Vegas NV #80 –III The Charles S. Revelle Sessions in Location Modeling and Spatial Analysis
- 2005 UCGIS / Ding (presenter) & O'Kelly, *Trade areas. Jackson Hole WY*
- 2005 AAG / Lee & O'Kelly, *Disaggregated JTW, Denver CO*
2004. Location Modeling IV (Madison) Session Chair, Morton O'Kelly, The Ohio State University, 51st North American Meetings, NARSC, Seattle, WA.
2004. M.E. O'Kelly (Presenter) Hyun Kim and Changjoo Kim. Network Reliability and Resilience of Hubs in the Commercial Internet, presented at NARSC Seattle, WA., November 2004. (invited paper / special session)
2004. M.E. O'Kelly (Presenter) Hyun Kim and Changjoo Kim. Network Reliability and Resilience of Hubs in the Commercial Internet, presented at British and Irish Section of RSAI, Cork Ireland, August 20 2004.
2004. M.E. O'Kelly, Transportation Planning Models with Microsimulation. Paper Session: STAR/STELLA Transatlantic Research Initiative I Friday, 3/19/2004. AAG Annual meeting, Philadelphia, March 2004.
2004. Changjoo Kim (Presenter), M.E. O'Kelly, Hyun Kim. Internet Backbone Network Design, in the Paper Session: GIS: Internet, Services and Patterns Friday, 3/19/2004. AAG Annual meeting, Philadelphia, March 2004.
2004. Hyun Kim (Presenter) M.E. O'Kelly Changjoo Kim. Network Reliability and Resilience of Hubs in the Commercial Internet, in the Paper Session: GIS: Internet, Services and Patterns Friday, 3/19/2004. AAG Annual meeting, Philadelphia, March 2004.
2004. Mark W. Horner (Presenter) M.E. O'Kelly. Development of a hierarchical assignment problem: Exploring scale effects and modeling regional hub structure, Paper Session: Location Analysis Wednesday, 3/17/2004. AAG Annual meeting, Philadelphia, March 2004.
2004. Wook Lee (Presenter) M.E. O'Kelly. The variations in excess commuting and jobs-workers ratio by occupational groups, in the Paper Session: Location Analysis Wednesday, 3/17/2004. AAG Annual meeting, Philadelphia, March 2004.

2003. Mark W Horner, (Presenter) Texas State University; Morton E O’Kelly, Measuring the Spatial Efficiency of Non-work Travel: Limitations and Possibilities, RSAI Meetings, Regional Science, Philadelphia, November 2003. THE 50TH ANNUAL NORTH AMERICAN MEETINGS OF THE REGIONAL SCIENCE ASSOCIATION INTERNATIONAL Philadelphia, Pennsylvania November 20-22, 2003
2003. M.E. O’Kelly Location Modeling Session VIII (Chair) RSAI Meetings, Regional Science, Philadelphia, November 2003. THE 50TH ANNUAL NORTH AMERICAN MEETINGS OF THE REGIONAL SCIENCE ASSOCIATION INTERNATIONAL Philadelphia, Pennsylvania November 20-22, 2003
2003. M.E. O’Kelly, Commentary on Recent Advances in Transportation Modeling for Ohio, Ohio Transport Engineering Conference, (OTEC) Columbus, OH November 6th 2003.
2003. M.E. O’Kelly Microsimulation Models in US Transportation Practice. STELLA Focus Group 2: ICT, Innovation and the Transport System Workshop, 8-10 May 2003, Newcastle-upon-Tyne, UK.
2003. M.E. O’Kelly & David C. Wheeler: Evolutionary aspects of hub and spoke networks. Special session on Concentration and Dispersion in the Evolution of Transport Systems presented at AAG Annual meeting, New Orleans, March 2003
2002. Mark Horner, M.E. O’Kelly, Rethinking Representation in Spatial Models, Abstract accepted for presentation to GISciences 2002.
2002. M.E. O’Kelly, Ron Li, Carolyn Merry, Tim Matisziw and Xutong Niu Estimating Truck Speeds from Imagery, Poster Session presented at PECORA Denver, Nov 10-14, 2002. Paper Abstract.
2002. M.E. O’Kelly and Mei-Po Kwan, "Using GIS for Accessibility Studies in Transportation." October 22nd, Ohio Transportation Engineering Conference Columbus, OH.
2002. M.E. O’Kelly, NCRST-F Workshop, Budapest University of Technology and Economics. "Commercial Remote Sensing and Spatial Information Technology Application to Transportation Program" Discussant, session 3, September 12-15, 2002.
2002. Niu Xutong, Fengliang Xu, Rongxing Li Carolyn Merry M.E. O’Kelly and Timothy Matisziw Detection of trucks from georeferenced aerial photographs, ACSM – ASPRS 2002 Annual Conference and FIG 2002 XXII International Congress, Washington DC, April 19 – 26, 2002. [Abstract and paper in proceedings; presented by Niu]
2002. Niu, X., R. Li, and M. O’Kelly, 2002. Truck Detection from Aerial Photographs, in Proceedings of ISPRS Commission II Symposium on Integrated Systems for Spatial Data Production, Custodian and Decision Support, Xi’an, P.R. China, August 20 – 23, 2002. [presented by Niu]

2002. M.E. O'Kelly. "Panel Session: Teaching Transport Geography - Part I : Concepts and Theories" Panel presentation at the Annual Meetings of the Association of American Geographers, Los Angeles, CA, March 2002.
2002. M.E. O'Kelly, Timothy Matisziw, Carolyn Merry, Ron Li, Xutong Niu. "Counting Trucks from Air Photos and Remotely Sensed Images." paper presented at a Special Session on Remote Sensing and Transportation at the Annual Meetings of the Association of American Geographers, Los Angeles, CA, March 2002.
2001. Timothy Matisziw and M.E. O'Kelly. "Identifying truck correspondence in multi-frame imagery for use in modeling traffic dynamics" Paper presented at the 48th North American Meetings of the Regional Science Association, Charleston SC, November 15-17, 2001.
2001. M.E. O'Kelly and Alan T. Murray "Geometric models for planar covering with application to warning sirens" Paper presented at the 48th North American Meetings of the Regional Science Association, Charleston SC, November 15-17, 2001.
2001. Tony H. Grubestic, Alan T. Murray and M.E. O'Kelly "Network reliability and the commercial Internet" Paper presented at the 48th North American Meetings of the Regional Science Association, Charleston SC, November 15-17, 2001.
2001. Changjoo Kim and M.E. O'Kelly "Cost allocation in a hub network" Paper presented at the 48th North American Meetings of the Regional Science Association, Charleston SC, November 15-17, 2001.
2001. M.E. O'Kelly "Hub network design problems: optimization and application" paper presented at the 97th Annual Meeting of the Association of American Geographers, New York, NY.
2000. Alan T. Murray and M.E. O'Kelly "Spatial modeling and represented geographic space" paper presented at GIScience 2000, First International Conference on Geographic Information Science, Savannah GA, October 28-31, 2000.
2000. M.E. O'Kelly "Network Economics: Hub and Spoke Transportation Systems" [paper read by M. Horner] at the 96th Annual Meeting of the Association of American Geographers, Pittsburgh, PA April 4-8, 2000.
1999. August "Hub networks and agglomeration economies," European Regional Science Association RSAI Dublin.
1999. May. "The location of hubs in networks" Session SA 31, INFORMS, Cincinnati OH, May 2-5, 1999.
1999. April. (presented by co-author, David Wheeler) " Network topology and city accessibility of the commercial internet" Association of American Geographers, Annual Meeting, Hawaii.
1999. March (with Brian Mikelbank) "Social change and transportation in U.S. Edge cities" Social

- Change and Sustainable Transportation, Joint ESF/NSF Conference, Berkeley CA.
1998. (presented by co-author, David Wheeler) "A method for generating cyber trade areas: a case study of Ohio State University." ELDAAG, Columbus OH.
1998. October "Retail market share and saturation," presented at the Applied Geography Conference, Louisville KY.
1998. April M.E. O'Kelly, Mark R. McCord and Prem Goel, "Valuing improvements to complex transportation models: computational issues." presented at the Annual Meeting of the Association of American Geographers, Boston MA..
1998. January, M.R. McCord, Dario Hidalgo, M.E. O'Kelly, Prem Goel, "Value of error-free forecasts and forecasting models in UTMS-based network evaluation." presented at the TRB Annual Meetings, Washington DC.
1997. April (with D. Bryan) "Multiple objectives and the hub location problem," presented by D. Bryan at the Annual Meeting of the Association of American Geographers, Fort Worth.
1997. April "A geographer's analysis of hub-and-spoke networks," The Fleming Lecture presented at the Annual Meeting of the Association of American Geographers, Fort Worth.
1997. April "Trade area models and choice based samples methods" presented at the Annual Meeting of the Association of American Geographers, Fort Worth.
1997. January, M.R. McCord, Dario Hidalgo, Prem Goel, M.E. O'Kelly, "Value of traffic assignment and flow prediction in multiattribute network design: framework, issues, and preliminary results." for presentation at the TRB Annual Meetings, Washington DC.
1996. M.E. O'Kelly, 1996, "On the allocation of a subset of nodes to a minihub," Location Modeling Session, RSA Meetings Washington DC.
1995. M.E. O'Kelly, D. Bryan, D. Skorin-Kapov, J. Skorin-Kapov, 1995, "Hub network design with single and multiple allocation: a computational study of the role of the interhub discount factor, Paper presented to INFORMS, New Orleans, November 1995.
1995. D. Bryan, M.E. O'Kelly, 1995, (Paper presented by Bryan), "Hub Location: Sensitivity to Flows," Location Modeling Session, November 12th, RSA Meetings Cincinnati.
1994. October. "GIS and retail trade area models" presented at Applied Geography Conference, Akron Ohio.
1994. October. (with H. Bowman) "Multifacility minimax hub location" presented at ORSA/TIMS, Detroit.
1994. April (with D. and J. Skorin-Kapov) "On mixed integer formulations for the hub location problem"

- presented by Skorin at TIMS/ORSA Boston, Joint National Meeting.
1993. November, (with D. and J. Skorin-Kapov) "Lower bounds on the hub location problem," presented by Skorin at TIMS/ORSA Joint National Meeting Phoenix Arizona.
1993. May, "Gravity models and retail location theory," International Council of Shopping Centers, Research Conference, Las Vegas, Nevada.
1992. April (with E.J. Taaffe) "Air passenger dominance: reflector and reshaper of inter-metropolitan hierarchy," paper presented by Taaffe at the Annual Meeting of the Association of American Geographers, San Diego.
1991. October (with E.J. Taaffe) "Air transportation and applied geography: air transport impacts on a changing inter-metropolitan hierarchy," paper presented by Taaffe at the Applied Geography Conference, Toledo.
1991. November, "Solving large interaction-based location models," presented to the 38th Annual Meeting of the Regional Science Association, New Orleans, Louisiana.
1991. July, "Retail site selection applications for GIS," NACORE, Boston, July 1.
1991. April, (presented by E.J. Taaffe) "Temporal variations in distance-decay parameters in air transportation," presented to the 87th Annual Meeting, Association of American Geographers, Miami, Florida.
1990. June, "A clustering approach to the planar hub location problem," presented to ISOLDE V, Lake Arrowhead, California, June 1990.
1990. April, (with H.J. Miller) "Routing problems in hub networks," presented to the 86th Annual Meeting of the Association of American Geographers, Toronto Ontario, April 1990.
1990. March, "Site selection: a retail store application," presented to Seminar on the Spatial Aspects of Real Estate Markets, Homer Hoyt Advanced Studies Institute, Singer Island, Florida.
1989. November, (with J.R. Current) "Siren location: application of covering models," presented to the 36th Annual Meeting of the Regional Science Association, Santa Barbara, California.
1989. April, (presented by H.J. Miller co-author) "An application of the Alonso spatial interaction framework to market area delimitation," 86th Annual Meeting of the Association of American Geographers, Baltimore, Maryland.
1988. November, "Hub facility location with fixed costs," presented to the 35th Annual Meeting of the Regional Science Association, Toronto.
1988. April, "Hub networks and spatial interaction: an overview," presented to the 85th Annual Meeting of the Association of American Geographers, Phoenix, Arizona.

1987. June, "Solutions for some minimax hub location problems," presented to the Fourth International Symposium on Locational Decisions (ISOLDE IV), Namur, Belgium.
1987. May, Impacts of transportation improvements on crop production: a theoretical examination," presented to the Canadian Association of Geographers Annual Meeting. Hamilton, Ontario (May 30, 1987)
1987. May, "A synthesis of models of the retail trade area," presented to the Canadian Regional Science Association Annual Meeting, Hamilton, Ontario (May 29, 1987).
1987. April, "A synthesis of some market area models," presented to the 83rd Annual Meeting of the Association of American Geographers, Portland Oregon.
1986. April, "Congestion and transportation costs in hub networks," presented to the 82nd Annual Meeting of the Association of American Geographers, Twin Cities, Minnesota.
1985. November, (with P.G. Grove) "Hub networks and measures of congestion," presented to the 32nd Annual Meeting of the Regional Science Association, Philadelphia.
1985. August, "The equilibrium size of interacting facilities," presented to NATO ASI, Transformations through space and time, Hanstholm, Denmark.
1985. April, "The location of hub facilities," presented to the 81st Annual Meeting of the Association of American Geographers, Detroit, Michigan.
1984. June, "The location of interacting hub facilities," presented to the Third International Symposium on Locational Decisions (ISOLDE III), Boston, Mass.
1984. April, "Ohio's enterprise zones," presented to the 80th Annual meeting of the Association of American Geographers, Washington, D.C.
1984. April, (With Y.Y. Papageorgiou and P. Kanaroglou) "Some extensions to a model of an optimal new town," presented to the 15th Annual Pittsburgh Conference on Modeling and Simulation.
1984. January, (with E.J. Miller) "Multistop multipurpose travel characteristics: an empirical study of trip length," presented to the 63rd Annual Meetings of the Transportation Research Board, Washington, D.C.
1984. January, "Disaggregate models of non-work travel," presented to the Institute of British Geographers Annual Conference, Durham, U.K.
1983. April, (with Y.Y. Papageorgiou) "Congestion and spillovers in a model of an optimal new town," presented to the 14th Annual Pittsburgh Conference on Modeling and Simulation.
1983. April, (with S.A. Foster), "An interaction approach to public facility location: model formulation and

- a West Virginia case study,” presented to the 79th Annual Meeting of the Association of American Geographers, Denver.
1982. November, (with J. E. Storbeck), “Hierarchical location models: theory and practice,” presented to the 29th Annual Meeting of the Regional Science Association, Pittsburgh.
1982. April, “The impact of multistop multipurpose trips on spatial interaction and retail distribution,” presented to the Nystrom Award session, 78th Annual Meeting of the Association of American Geographers, San Antonio.
1982. April, (with Y. Y. Papageorgiou.) “A simultaneous non-linear system representing an optimal new town,” presented to the 13th Annual Pittsburgh Conference on Modeling and Simulation.
1982. January, (with E. J. Miller.) “Estimating shopping destination choice models from travel diary data,” presented to the Annual Meeting of the Transportation Research Board, Washington, D.C.
1981. April, “Retail facility location,” presented to the 77th Annual Meeting of the Association of American Geographers, Los Angeles.
1980. November, “The length of multipurpose trips; empirical evidence from a travel diary survey in Hamilton, Ontario,” presented at CAGONT, University of Western Ontario.
1980. April, “Multistop multipurpose trips,” presented to the 76th Annual Meeting of the Association of American Geographers, Louisville.
1979. April, (with D. McCafferty and M. J. Webber.) “Disaggregate and aggregate models of choice of destination for shopping,” presented to the 75th Annual Meeting of the Association of American Geographers, Philadelphia, p. 237.
1978. May, “Two models of Canadian interregional migration,” presented to the 2nd Annual Meeting of the Canadian Regional Science Association, Waterloo, Ontario.
1978. April, (with M. J. Webber and P. D. Hall.) “An entropy maximising model of facility location and consumer behavior,” presented to the 74th Annual Meeting of the Association of American Geographers, New Orleans.

2. Other Activities (session organization, chair, convener, round table discussions)

2002. M.E. O'Kelly Chair/Organizer: Geographical Analysis Editorial Board at the Annual Meetings of the Association of American Geographers, Los Angeles, CA, March 2002.
2002. M.E. O'Kelly is either a chair or an organizer in the following sessions: Paper Session: Remote Sensing and Transportation, at the Annual Meetings of the Association of American Geographers, Los Angeles, CA, March 2002.

The following items, designated URAI were performed or presented during the period 1999-2001 during

which time O'Kelly served as Project Leader of the Urban and Regional Analysis Initiative (URAI).

2001. M.E. O'Kelly, Tae-Kyung Kim. Campus Collaborative Project. January 23, 2001. URAI Project Leader Report/Roundtable Activity.
2001. M.E. O'Kelly, Alan Murray. URAI/Geography Research in Transport Modeling. January 19, 2001. URAI Project Leader Report/Roundtable Activity.
2000. M.E. O'Kelly. First Suburbs in Franklin County: An Investigation of Local Commuting Patterns. August 11, 2000. URAI Project Leader Report/Roundtable Activity.
2001. M.E. O'Kelly. Graduate Student Urban Research May 11, 2001. URAI Project Leader Report/Roundtable Activity.
2000. M.E. O'Kelly. First Suburbs in Franklin County: An Investigation of Local Commuting Patterns Aug 11, 2000. URAI Project Leader Report/Roundtable Activity.
1999. M.E. O'Kelly, Alan Murray, Mei-Po Kwan. Geography Capabilities of GIS (Geographic Information System) Nov 5, 1999. URAI Project Leader Report/Roundtable Activity.
1999. M.E. O'Kelly. URAI Project Leader State of the CURA Initiative Sep 10, 1999. URAI Project Leader Report/Roundtable Activity.
1999. Suzanne Langlois, [MORPC] M.E. O'Kelly, Brian Mikelbank, Mark Horner, Geography Transportation, Transit, and Accessibility July 16, 1999. URAI Project Leader Report/Roundtable Activity.
1999. M.E. O'Kelly. The URAI initiative and the foundation of the CURA Apr 16, 1999. URAI Project Leader Report/Roundtable Activity.
1998. Steering committee member and participant, Workshop on Spatial Analysis and GIS, Santa Barbara CA.
1998. Retail trade area analysis. Presentation to Marketing Seminar, Ohio State University.
1995. M.E. O'Kelly, Discussant for paper presented by Tara Weidner "Hub choice equilibrium in the US Airnet," Transportation Models Session, November 10th, RSA Meetings Cincinnati.
1995. Session organizer for session on "Spatial statistics" at Chicago Meeting of AAG. (program page 39, session #3431)
1995. Session organizer for session on "Methods for location and interaction analysis" at Chicago Meeting of AAG. (program page 158, session #6307)
1995. Panelist, "Spatial Analysis, Modeling, and GIS"; Panel organized by Jean-Claude Thill, at Chicago

- Meeting of AAG. (program page 76, session #4326)
1995. Panelist, “Methodological and Measurement Issues in the Geographic Sciences”; National Science Foundation Panel organized by J.W. Harrington and Cheryl Eavey, NSF, at Chicago Meeting of AAG. (program page 82, session #4409)
1994. April, Chair, Annual Business Meeting, MMQM Specialty Group, Association of American Geographers, Annual Meeting, San Francisco, CA.
1993. April, Chair, Annual Business Meeting, MMQM Specialty Group, Association of American Geographers, Annual Meeting, Atlanta, GA.
1991. May, “Synthesis and spatial representation of retail site selection: the geographic perspective,” presented to the Weimer School of Advanced Studies in Real Estate and Land Economics, May 24, 1991, Singer Island, Florida.
1991. November, Discussant, Location Analysis V (Session on location models and consumer choice), November 9, Regional Science Association, New Orleans, Louisiana.
1991. February, “Retail site selection applications for GIS,” joint HHI/NACORE Seminar, Singer Island Florida, February 15, 1991.
1990. October. “An overview of hub network research,” presented to the Production Seminar, Faculty of Management Science, Ohio State University.
1990. September. “Examples of Geographical Information Systems Applications in Urban Analysis,” presented to Cities of the 90s, Committee on Urban Affairs, Ohio State University.
1987. May, Convener with A. S. Fotheringham of Research Advances in Quantitative (Human) Geography, CAG Annual Meeting, Hamilton, Ontario.
1987. May, Co-organizer with A. S. Fotheringham of session entitled Consumer Choice and the Delimitation of Retail Trade Areas, CRSA Annual Meeting, Hamilton, Ontario.
1987. April, Organizer and Chair MMQMSG Session entitled “Modeling Retail Location.” AAG Annual Meeting, Portland, Oregon. (see Session #5008).
1986. April, “Transportation and development methodologies” MM&QMSG, Session 187, Chair; and “Modeling intra-urban retailing services,” Session 306, Chair, AAG Annual Meeting, Minneapolis-St. Paul.
1986. November, Panel member “The view from the other side; the journal editing process”; Chair & Discussant Locational Analysis II (Session 12); and discussant Location Analysis V (Session 42), November 14 and 15, Annual Meeting of the Regional Science Association, Columbus, Ohio.
1984. April, Mathematical models and quantitative methods specialty group and Transportation group:

- “Methods for applied transportation modeling,” session organizer AAG annual meeting, Washington, D.C.
1983. April, Mathematical models and quantitative methods specialty group: “Applied spatial interaction models,” session organizer, AAG annual meeting, Denver.
1982. April, Mathematical models and quantitative methods specialty group: “Spatial interaction modeling and population distribution,” session chair, AAG annual meeting, San Antonio.
1982. April, Transportation specialty group: New directions in travel behavior; Discussant, AAG annual meeting, San Antonio.
1980. November, “Some properties of a multistop multipurpose trip model,” SPUR Seminar, Universite Catholique de Louvain, Louvain-la-Neuve, Belgium.
1978. Fall, “Measures of spatial inequality,” presented to the Urban and Regional Workshop, McMaster University.

V. COMMITTEES

1. University

2011-16	Center for Aviation Studies, Faculty Oversight Committee
2007-09	Climate Water and Carbon Oversight Committee
2006- 09	UISP Executive Committee [Chair]
2005	Environmental Sciences Graduate Program, External Review Team.
2002	Center for Mapping Internal Review Team
2000-02	Committee on Urban Affairs
1991-91.	Red Tape Reduction Task Force.

2. College

2018	Dean, College of Social and Behavioral Sciences
2018	Social and Behavioral Sciences, ad hoc selection committee [chair] for Chairperson of the Department of Psychology.
2016	Social and Behavioral Sciences, ad hoc selection committee [chair] for Chairperson of the Department of Economics.
2012-15	Promotion and Tenure Panel for Social and Behavioral Sciences
2004-05	College of Social and Behavioral Sciences, ad hoc selection committee [chair] for Chairperson of the Department of Political Science. (two iterations)
2003-04	College of Social and Behavioral Sciences Oversight Committees for Criminal Justice Research Center.
2004- 07	SBS oversight committees CHRR, IPR, and CURA.
2002-03	College of Social and Behavioral Sciences Ad Hoc Committee on Budgeting.
2001-03	College of Social and Behavioral Sciences Oversight Committees for Initiative in Population Research (chair), Center for Urban and Regional Analysis, and Center for Survey Research.
1999-01	College of Social and Behavioral Sciences Project Leader, Urban and Regional Analysis Initiative, now the Center for Urban and Regional Analysis.

- 1993-95 College of Social and Behavioral Sciences Promotion and Tenure.
1985-87 College of Social and Behavioral Sciences Information Service Committee.

3. Departmental Administration

- 2015-18 Department Chairperson
2003-11. Department Chairperson
1995-03. Personnel Committee (Chairperson)
1993-95. Personnel
1987-95. Graduate Committee (Chairperson)
1981-85. Graduate Committee
1985-87. Library Committee
1988-89. Personnel Committee (Co-Chairperson)
1985-88. Personnel Committee
1984-87. Review Committee

VI. ADVISING

PhD Advisees (n=28 completed; current position)

2017	Jake Carr	Risk Analyst, Moody's.
2017	Yongha Park	Researcher, The Korea Transport Institute, Dept. of Aviation.
2014	Peter Xiang Chen	Assistant Professor, University of Connecticut.
2012	Meng Guo	Senior Model Risk Specialist for the Federal Aviation Administration.
2010	Rafael Figueiredo	Analyst, Brasil Foods (co-advised PUC Rio de Janeiro, Ind Engineering).
2009	Michael Niedzielski	Assoc. Prof., Zakład Geografii Miast i Ludności, Department of Urban and Population Studies, Poland.
2008	Hyun Kim	Assoc. Prof., Department of Geography, Univ. of Tennessee, Knoxville.
2008	Gunhak Lee	Department of Geography, Seoul National University, South Korea.
2008	Ron McChesney	Business Research, Columbus, OH.
2007	Youngho Kim	Department of Geography Education, Korea University.
2006	David Wheeler	Assoc. Prof., Department of Biostatistics, Virginia Commonwealth Univ.
2005	Wook Lee	Edinboro Univ., Pennsylvania.
2005	Tim Matisziw	Assoc. Prof., Dept. of Civil and Environmental Eng., Univ. of Missouri.
2004	Changjoo Kim	Department of Geography, University of Cincinnati.
2002	Mark W. Horner	Professor, Department of Geography, Florida State University, Tallahassee.
2001	Anthony Grubestic	Professor and Associate Dean for Research in the School of Information University of Texas at Austin.
2000	John Larsen	Statistician, Mayo Clinic.
2000	Wei Song	Assoc. Prof., University of Louisville.
1999	Hongxing Liu	Professor, Department Head, Director of GIESN, Univ. of Cincinnati.
1998	Perry Carter	Texas Tech University.
1997	Deborah Bryan	PhD Advisee.
1997	Sang-Ki Hong	PhD Advisee.
1995	Harry Bowman	PhD Advisee (deceased).
1993	Martin Hynes	PhD Advisee (jointly with N. Ettliger).
1993	Yong Lao	Chair, Division of Social, Behavioral & Global Studies Professor Division of Social, Behavioral & Global Studies Cal State Monterrey Bay.
1992	Tracy Newsome	PhD Advisee.
1991	Harvey Miller	Professor, Reusche Chair, Ohio State.
1990	Allaire Shaw	PhD Advisee.

Other Doctoral Advising. Served as visiting adviser / co-adviser (approximate date ranges):

- 2018 Joana Silva Carreira, at University of Coimbra, Portugal
 2014 Sandro Jeronimo, during sandwich program studies from UFMG, Belo Horizonte, Brazil
 2010 Alessandra Dubke, during sandwich program studies from PUC, Rio de Janeiro, Brazil
 2011 Martin Spollen during Fulbright from Belfast, Northern Ireland

MA Advisees (n=27)

- | | | |
|------|---------------------|---|
| 2015 | Muzi Feng | MA Advisee |
| 2013 | Kejing Peng | MA Advisee, now at Microsoft |
| 2005 | Michael Niedzielski | MA Advisee (subsequent PhD advisee, see above) |
| 2001 | Enzhou Wang | MA Advisee |
| 2000 | Ling Yang | MA Advisee |
| 2000 | Ling Zhuang | MA Advisee |
| 1999 | Changjoo Kim | MA Advisee (subsequent PhD advisee, see above) |
| 1999 | Michael Carmody | MA Advisee |
| 1999 | M.S. Ryan-Hart | MA Advisee |
| 1999 | David Wheeler | MA Advisee (subsequent PhD advisee, see above) |
| 1998 | Suzanne Langlois | MA Advisee |
| 1998 | David Smith | MA Advisee, ESRI |
| 1997 | Jason Ehas | MA Advisee |
| 1997 | Timothy Vowles | MA (now at the University of Northern Colorado) |
| 1996 | James Fields | MA Advisee |
| 1996 | Biyan Li | MA Advisee |
| 1994 | Robert Chabot | MA Advisee (employed at Fisher College) |
| 1994 | Eric Neubauer | MA Advisee (employed at Columbus State) |
| 1993 | Deborah Bryan | MA Advisee (subsequent PhD advisee, see above) |
| 1993 | Steven Fearn | MA Advisee |
| 1993 | Jennifer Rosenthal | MA Advisee |
| 1990 | Yong Lao | MA Advisee (subsequent PhD advisee, see above) |
| 1988 | Chris Brown | MA Advisee |
| 1987 | Martin Hynes | MA Advisee (subsequent PhD advisee, see above) |
| 1987 | Allaire Shaw | MA Advisee (subsequent PhD advisee, see above) |
| 1985 | Peter Grove | MA Advisee (employed by FedEx) |
| 1982 | Judith Kulikowski | MA Advisee |