

Jane E. Ruseski

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John Chambers College of Business & Economics
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Citizenship and Visas

United States Citizen

Education

1998	PhD in Economics	Johns Hopkins University
1992	M.A. in Economics	Johns Hopkins University
1985	B.S. in Health Management and Policy	University of New Hampshire Summa Cum Laude

Professional Experience

2021 - present	Professor, Department of Economics John Chambers College of Business and Economics West Virginia University Morgantown, WV 26505
2013 - 2021	Associate Professor, Department of Economics John Chambers College of Business and Economics West Virginia University Morgantown, WV 26505
2013 - 2016	Associate Director, Bureau of Business and Economic Research John Chambers College of Business and Economics West Virginia University Morgantown, WV 26505
2012 - 2014	Associate Professor Department of Economics University of Alberta Edmonton, AB Canada T6G 2H4
2007 - 2012	Assistant Professor Department of Economics University of Alberta

Edmonton, AB
Canada T6G 2H4

2008 - 2012 Adjunct Assistant Professor
School of Public Health
Department of Public Health Sciences
University of Alberta
Edmonton, AB
Canada T6G 2G3

2005-2007 Visiting Assistant Professor
Department of Kinesiology and Community Health
College of Applied Health Sciences
University of Illinois at Urbana-Champaign
Champaign, IL 61820

2004-2005 Research Coordinator
Disability Research Institute
College of Applied Health Sciences
University of Illinois at Urbana-Champaign
Champaign, IL 61820

1999-2004 Economist
Federal Trade Commission
Bureau of Economics, Antitrust Division
Washington, DC 20001

1995-1998 Deputy Director, Research and Methodology
Maryland Health Services Cost Review Commission
Baltimore, MD 21215

1990-1994 Associate Director, Research and Methodology
Maryland Health Services Cost Review Commission
Baltimore, MD 21215

Other Professional Experience

2009 - present (Summer)	Visiting Professor Faculty of Business Administration and Economics University of Paderborn Paderborn, Germany
2010 - 2013, 2017 (Summer)	Visiting Professor Deutsche Sporthochschule Koln (The German Sport University) Cologne, Germany
2020 (Summer)	Visiting Professor University of Zurich Department of Business Administration Zurich, Switzerland
2001 - 2002	Visiting Professor CERGE-EI Prague, Czech Republic
2001	Lecturer School of Arts and Sciences Part-time Graduate Program Johns Hopkins University Baltimore, MD 21218
1993 - 1995 and 1989 - 1990	Instructor Department of Economics University of Maryland Baltimore County (UMBC) Baltimore, MD 21250

Publications*Journal Articles*

1. Duffy, S. Q., **Ruseski, J. E.**, & Cavanaugh, S. (2000). Graduate Medical Education Costs in Non-Academic Health Center Teaching Hospitals. *Medical Care Research and Review*, vol. 57, no.1, pp. 3-23.
2. **Ruseski, J. E.** (2006). Analysis of Health Care Financing, Supply and Utilisation Trends in the New EU Countries. *Applied Health Economics and Health Policy*, vol. 5, no. 4, pp. 1-22.
3. Humphreys, B. R. & **Ruseski, J.E.** (2006). Financing Intercollegiate Athletics: The Role of Monitoring and Enforcing NCAA Recruiting Regulations. *International Journal of Sport Finance*, vol. 1, no. 3, pp. 151-161.
4. Humphreys, B. R. & **Ruseski, J.E.** (2007). Participation in Physical Activity and Government Spending on Parks and Recreation. *Contemporary Economic Policy*, vol. 25, no. 4, pp. 538-552.
5. Humphreys, B. R. & **Ruseski, J.E.** (2009). Monitoring Cartel Behavior and Stability: Evidence from NCAA Football. *Southern Economic Journal*, vol. 75, no. 3, pp. 720-735.
6. Humphreys, B. R. & **Ruseski, J.E.** (2009). Estimates of the Dimensions of the Sports Market in the US. *International Journal of Sport Finance*, vol. 4, no. 2, pp. 94-113.

- Reprinted in W. Andreff (Ed.) (*Recent Developments in the Economics of Sport (in press, 2011)*). The International Library of Critical Writings in Economics, M. Blaug (Founding Series Editor).
7. Chen, C-C., **Ruseski, J.E.** & Schwartz, Z. (2009). Room Rates as Signals of Quality, Sell-out Risk and the Prospects of Getting a Better Deal: Analytical Model and Empirical Evidence. *Tourism Economics*, vol. 15, no. 2, pp. 367-380.
 8. **Ruseski, J. E.** (2009). Competition in Canadian Health Care Service Provision: Good, Bad or Indifferent? SPS Research Papers, The Health Series, vol. 2, no. 4, (Calgary: University of Calgary, School of Policy Studies.) Peer-reviewed research paper.
 9. Humphreys, B. R. & **Ruseski, J.E.** (2010). Problems with Data on the Sport Industry. *Journal of Sports Economics*, vol. 11, no. 1, pp. 60-76.
 10. Humphreys, B. R. & **Ruseski, J.E.** (2011). Socio-economic Determinants of Adolescent Use of Performance Enhancing Drugs: Evidence from YRBSS. *Journal of Socio-economics*, vol. 40, no.2, 208-216. Renamed: *Journal of Behavioral and Experimental Economics*.
 11. Humphreys, B. R. & **Ruseski, J.E.** (2011). An Economic Analysis of Participation and Time Spent in Physical Activity. *B.E. Journal of Economic Analysis & Policy*, vol. 11, no. 1, article 47, 1-38.
 12. Carroll, K. A. & **Ruseski, J.E.** (2011). Modeling Internal Decision Making Process: An Explanation of Conflicting Empirical Results on Behavior of Nonprofit and For-Profit Hospitals. *Contemporary Economic Policy*, vol. 29, no. 4, 510-523.
 13. **Ruseski, J. E.**, Humphreys, B. R., Hallman, K. & Breuer, C. (2011). Family Structure, Time Constraints and Sport Participation. *European Review of Aging and Physical Activity*, vol. 8, 57-66.
 14. Humphreys, B.R., McLeod, L. & **Ruseski, J.E.** (2014). Physical Activity and Health Outcomes: Evidence from Canada. *Health Economics*, vol. 23, no. 1, 33-54.
 15. **Ruseski, J.E.** & Maresova, K. (2014). Economic Freedom, Sport Policy and Individual Participation in Physical Activity: An International Comparison. *Contemporary Economic Policy*, vol. 32, no. 1, 42-55.
 16. **Ruseski, J.E.**, Humphreys, B.R., Hallman, K., Wicker, P. & Breuer, C. (2014). Sport Participation and Subjective Well-Being: Instrumental Variable Results from German Survey Data. *Journal of Physical Activity and Health*, vol 11, 396-403.
 17. Humphreys, B.R., **Ruseski, J.E.** & Soebbing, B.P. (2014). Sport Participation Among US High School Students: Trends and Directions. *Journal of Contemporary Athletics*, vol. 8, no. 3, 179-195.
 18. Humphreys, B. R. & **Ruseski, J.E.** (2015). The Economic Choice of Participation and Time Spent in Physical Activity and Sport in Canada. *International Journal of Sport Finance*, vol 10, no. 2, 138-159.
 19. Hoffer, A., Humphreys, B.R., Lacombe, D.J. & **Ruseski, J.E.** (2015). Trends in NCAA Athletic Spending: Arms Race or Rising Tide? *Journal of Sports Economics*, vol. 16, no. 6, 576-596.
 20. Ohinmaa, A., Zheng, Y., Jeerakathil, T., Klarenbach, S., Hakkinen, U., Nguyen, T., Friesen, D., **Ruseski, J.E.**, Kaul, P., Ariste, R. & Jacobs, P. (2016). Trends and Regional Variation in Hospital Mortality, Length of Stay and Cost in Hospital of Ischemic Stroke Patients in Alberta Accompanying the Provincial Reorganization of Stroke Care. *Journal of Stroke and Cerebrovascular Disease*, vol. 25, no. 12, 2844-2850.
 21. Hall, J.C., Humphreys, B.R. & **Ruseski, J.E.** (2018). Economic Freedom, Race and Health Disparities: Evidence from US States. *Public Finance Review*, vol. 46, no. 2, 276-300.

22. Humphreys, B.R., & **Ruseski, J.E.** (2018). Strategic Interaction in a Repeated Game: Evidence from NCAA Football Recruiting. *Review of Industrial Organization*, vol. 52, no. 2, 283-303.
23. Hall, J.C., Humphreys, B.R., & **Ruseski, J.E.** (2018). Economic Freedom and Exercise: Evidence from State Outcomes. *Southern Economic Journal*, vol. 84, no. 4, 1050-1066.
24. Grossman, D.S., Humphreys, B.R. & **Ruseski, J.E.** (2019). Out of the Outhouse: The Impact of Place-Based Policies on Dwelling Characteristics in Appalachia. *Journal of Regional Science*, vol. 59, no. 1, 5-28.
25. Hoffer, A., Humphreys, B.R. & **Ruseski, J.E.** (2019). Tobacco Taxation and Healthcare Expenditure: Spatial Spillover Effects. *Papers in Regional Science*, vol 98, no. 2, 925-950.
26. Clark, R.L., Famodu, O.A., Barr, M.L., Hagedorn, R.L., **Ruseski, J.E.**, White, J.A., Warner, C.A., Morrell, A.A., Murray, P.J., Olfert, M., McFadden, J.W., Downes, M.T., Colby, S.E., & Olfert, M.D. (2019). Monetary Cost of the MyPlate Diet in Young Adults: Higher Expenses Associated with Increased Fruit and Vegetable Consumption. *Journal of Nutrition and Metabolism*, vol. 2019, Article ID 2790963, 7 pages, 2019.
27. Humphreys, B.R., **Ruseski, J.E.** & Yang, J. (2020). Household Consumption Decisions: Will Expanding Sports Betting Impact Health? *Review of Economics of the Household*, vol. 18, no. 4, 1079-1100. <https://doi.org/10.1007/s11150-019-09474-x>
28. Humphreys, B.R., Nyman, J.A. & **Ruseski, J.E.** (2021). The Effect of Recreational Gambling on Health and Well-Being. *Eastern Economic Journal*, vol. 47, no. 1, 29-75.
29. Matti, J. & **Ruseski, J.E.** (forthcoming). The Location of Healthcare Services: Evidence from Phoenix Yelp Reviews. *Southern Economic Journal*. DOI: 10.1002/soej.12550.
30. Shakya, S. & **Ruseski, J.E.** (forthcoming). The Effect of Prescription Drug Monitoring Programs on County-Level Opioid Prescribing Practices and Spillovers. (*Contemporary Economic Policy*.)

Book Chapters

1. Humphreys, B. R. & **Ruseski, J.E.** (2008). The Scope of the Sports Industry in the United States. In B. R. Humphreys & D. Howard (Eds.). *The Business of Sport* (pp. 1-31). Westport, CT: Praeger Publishers.
2. Humphreys, B. R. & **Ruseski, J.E.** (2008). Sport Participation and Adolescent Use of Performance Enhancing Drugs. In P. Rodriguez, S. Kesenne & J. Garcia (Eds.). *Threats to Sport and Sport Participation* (pp. 183-201) Oviedo, Spain: Ediciones de la Universidad de Oviedo.
3. **Ruseski, J.E.** & Humphreys, B. H. (2011). Participation in Physical Activity and Health Outcomes: Evidence from the Canadian Community Health Survey. In P. Rodriguez, S. Kesenne & B. R. Humphreys (Eds.). *The Economics of Sport, Health and Happiness: The Promotion of Well-Being through Sporting Activities* (pp. 7-32). Glos, UK: Edward Elgar Publishing.
4. **Ruseski, J.E.** & Razavilar, N. (2013). The United States. In K. Hallmann & K. Petry (Eds.) *Comparative Sport Development - Systems, Participation and Public Policy*.(pp. 311-321). New York: Springer.
5. Humphreys, B.R., **Ruseski, J.E.** & Yang, J. (2017). Consumer Spending on Spectator Sports, Physical Activity and Gambling: Evidence from Canada. In P. Rodriguez, B.Humphreys & R. Simmons (Eds.) *The Economics of Sports Betting*.
6. **Ruseski, J.E.** (2019). Sport Participation and Health. In P. Downward, B. Frick, B. Humphreys, T. Pawlowski, J. **Ruseski** & B. Soebbing (Eds.). *Handbook of Sports Economics* (pp. 45-53) Sage Publishing

7. **Ruseski, J.E.** & Wadsworth, A.A. (2019). Medigap. In D. Gu & E. Dupre (Eds.). *Encyclopedia of Gerontology and Population Aging*. Springer Nature Switzerland https://doi.org/10.1007/978-3-319-69892-2_995-1
8. **Ruseski, J.E.** & Wadsworth, A.A. (2019). Adverse Selection and Long-Term Care. In D. Gu & E. Dupre (Eds.). *Encyclopedia of Gerontology and Population Aging*. Springer Nature Switzerland https://doi.org/10.1007/978-3-319-69892-2_996-1
9. Moses, M.M. & **Ruseski, J.E.** (2021). Using Behavioral Economics to Improve Health Through Sports Participation and Physical Activity. In H. Altman, M. Altman & B. Torgler (Eds.). *Behavioural Sports Economics: A Research Companion*. (pp. 302-327) Routledge (Taylor & Francis Group)
10. Humphreys, B.R. & **Ruseski, J.E.** (2022). Supervising Sports Economics Research. In A. Fenn & V. Matheson (Eds.). *Teaching Sports Economics and Teaching Economics Through Sports*. (pp. 79-92) Edward Elgar Publishing

Published Abstracts

1. Ohinmaa, A., Zheng, Y., Jeerakathil, T., Thanh, NX, Hakkinen, U., Kaul, P., Klarenbach, S., Friesen, D., Ariste, R., **Ruseski, J.E.**, & Jacobs, P. (2014). Regional Variation in Hospital Mortality, Length of Stay and Cost of Ischemic Stroke Patients in Alberta. *Value in Health*, vol. 17, no. 7, A502. <https://doi.org/10.1016/j.jval.2014.08.1513>
2. Ohinmaa, A., Zheng, Y., Jeerakathil, T., Thanh, NX, Hakkinen, U., **Ruseski, J.E.**, Kaul, P., Klarenbach, S., Friesen, D., Ariste, R., & Jacobs, P. (2014). The Association of Hospital Type and Stroke Centre With Mortality, Length of Stay and Hospital Cost of Ischemic Stroke Patients in Alberta. *Value in Health*, vol. 17, no. 7, A502. <https://doi.org/10.1016/j.jval.2014.08.1515>
3. Ohinmaa, A., Zheng, Y., Jeerakathil, T., Nguyen, T., Klarenbach, S., Hakkinen, U., Friesen, D., Kaul, P., **Ruseski, J.E.**, Ariste, R., & Jacobs, P. (2015). The Impact of Stroke Centers on the Length of Stay Among Ischemic Stroke Patients in Alberta. *Value in Health*, vol. 18, no.3, A150. <https://doi.org/10.1016/j.jval.2015.03.875>
4. Ohinmaa, A., Zheng, Y., Jeerakathil, T., Thanh, NX., Klarenbach, S., Hakkinen, U., Friesen, D., Kaul, P., **Ruseski, J.E.**, Ariste, R., & Jacobs, P. (2015). The Expansion of Stroke Centers and the Reduction of In-Hospital Mortality of Ischemic Stroke Patients in Alberta. *Value in Health*, vol. 18, no.3, A150. <https://doi.org/10.1016/j.jval.2015.03.874>
5. Ohinmaa, A., Zheng, Y., Jeerakathil, T., Klarenbach, S., Hakkinen, U., Nguyen, T., Chuck, A., Friesen, D., **Ruseski, J.E.**, Kaul, P., Ariste, R., & Jacobs, P. (2016). Association Between Neighborhood Socioeconomic Status, Stroke Center Admission, and Mortality after Ischemic and Ill-Define Stroke *Value in Health*, vol. 19, no. 3, A34-SA35. <https://doi.org/10.1016/j.jval.2016.03.379>

Manuscripts under Review

1. Humphreys, B.R., & **Ruseski, J.E.** Professional Sports Facility Construction Projects and Infant Health (*under review, Journal of Sports Economics.*)
2. Humphreys, B.R., & **Ruseski, J.E.** Football-Generated Rent Sharing and Expenditure on Women's Intercollegiate Athletics. (*under review, Journal of Sports Economics.*)
3. Humphreys, B.R, & **Ruseski, J.E.** Air Quality and Employee Performance in Teams: Evidence from the NFL. (*under review, Economics and Human Biology.*)

4. Hyde, K., Murtazashvili, I., **Ruseski, J.E.** & Zhou, Y. Ideology, Health, and Race: Evidence from Municipalities. (*under review, Economic Inquiry.*)
5. Humphreys, B.R., **Ruseski, J.E.** & Zhou, L. Why is Maternal Smoking Pervasive in Appalachia. (*under review, Eastern Economic Journal.*)
6. Ray, A. & **Ruseski, J.E.** Rural School Investment and the Rural-Urban Education Gap: Evidence from India. (*under review, Journal of Development Studies.*)

Working Papers and Work in Progress

Working Papers

1. Humphreys, B.R. & **Ruseski, J.E.** (2008). The Size and Scope of the Sports Industry in the United States. IASE/NAASE Working Paper Series, 08-11.
retitled Estimates of the Dimensions of the Sports Market in the US. *International Journal of Sport Finance*, vol. 4, no. 2, pp. 94-113, 2009.
2. Humphreys, B.R. & **Ruseski, J.E.** (2009). An Economic Analysis of Participation and Time Spent in Physical Activity. University of Alberta, Department of Economics, Working Paper 2009-09.
B.E. Journal of Economic Analysis & Policy, vol. 11, no. 1, article 47, 1-38, 2011.
3. Carroll, K.A. & **Ruseski, J.E.** (2009). Modeling Internal Decision Making Process: An Explanation of Conflicting Empirical Results on Behavior of Nonprofit and For-Profit Hospitals. University of Alberta, Department of Economics, Working Paper 2009-23, SSRN Working Paper <http://dx.doi.org/10.1111/j.1465-7287.2010.00245.x>.
Contemporary Economic Policy, vol. 29, no.4, 510-523, 2011.
4. Humphreys, B.R. & **Ruseski, J.E.** (2009). Tit-for-Tat Strategies in Repeated Prisoner's Dilemma Games: Evidence from NCAA Football. University of Alberta, Department of Economics, Working Paper 2009-24.
retitled Strategic Interaction in a Repeated Game: Evidence from NCAA Football Recruiting. *Review of Industrial Organization*, vol. 53, no. 2, 283-303, 2018.
5. Humphreys, B.R. & **Ruseski, J.E.** (2010). The Economic Choice of Participation and Time Spent in Physical Activity and Sport in Canada. University of Alberta, Department of Economics, Working Paper 2010-14.
International Journal of Sport Finance, vol. 10, no.2, 138-159, 2015.
6. Carroll, K.A., Dickson, L.M. & **Ruseski, J.E.** (2011). Modeling the University Decision Process: The Effects of Faculty Participation in University Decision Making. UMBC, Department of Economics, Working Paper 11-129.
republished as *Do Faculty Matter: Effects of Faculty Participation on University Decisions UMBC, Department of Economics, Working Paper 13-06*, 2012.
7. Humphreys, B.R., McLeod, L. & **Ruseski, J.E.** (2011). Physical Activity and Health Outcomes: Evidence from Canada. University of Alberta, Department of Economics, Working Paper 2011-06.
Health Economics, vol. 23, no. 1, 33-54, 2014.

8. Humphreys, B.R., Nyman, J.A. & **Ruseski, J.E.** (2011). The Effect of Gambling on Health: Evidence from Canada. University of Alberta Working Paper 2011-18.
retitled The Effect of Recreational Gambling on Health and Well-Being. *Eastern Economic Journal*, vol. 47, no. 1, 29-75, 2021.
9. Humphreys, B.R., Maresova, K. & **Ruseski, J.E.** (2012). National Sport Policy, Sporting Success and Individual Sport Participation: An International Comparison. University of Alberta, Department of Economics, Working Paper 2012-01.
retitled Economic Freedom, Sport Policy and Individual Participation in Physical Activity: An International Comparison. *Contemporary Economic Policy*, vol. 32, no. 1, 42-55, 2014.
10. Humphreys, B.R. & **Ruseski, J.E.** (2014). Adolescent Steroid Use and Intercollegiate Athletic Incentives. West Virginia University, Department of Economics, Working Paper 2014-25.
11. Hoffer, A., Humphreys, B.R., Lacombe, D.J. & **Ruseski, J.E.**(2014). The NCAA Athletics Arms Race: Theory and Evidence. West Virginia University, Department of Economics, Working Paper 2014-29.
retitled Trends in NCAA Athletic Spending: Arms Race or Rising Tide? *Journal of Sports Economics*, vol. 16, no. 6, 576-596, 2015.
12. McLeod, L. & **Ruseski, J.E.** (2015). Longitudinal Relationship between Physical Activity and Health. Canadian Centre for Health Economics Working Paper 150002.
13. Humphreys, B.R., **Ruseski, J.E.** & Zhou, L. (2015). Physical Activity, Present Bias, and Habit Formation: Theory and Evidence from Longitudinal Data. SSRN Working Paper, <http://dx.doi.org/10.2139/ssrn.2643049>; West Virginia University, Department of Economics, Working Paper 15-36.
14. Hall, J.C., Humphreys, B.R., & **Ruseski, J.E.** (2015). Economic Freedom and Participation in Physical Activity. West Virginia University, Department of Economics, Working Paper 15-17.
retitled Economic Freedom and Exercise: Evidence from State Outcomes. *Southern Economic Journal*, vol. 84, no. 4, 1050-1066, 2018.
15. Hall, J.C., Humphreys, B.R., & **Ruseski, J.E.** (2015). Economic Freedom, Ethnicity, and Health Disparities: Evidence from the 50 States. West Virginia University, Department of Economics Working Paper 15-43.
retitled Economic Freedom, Race and Health Disparities: Evidence from US States. *Public Finance Review*, vol. 46, no. 2, 276-300, 2018.
16. Humphreys, B.R., Nyman, J.A. & **Ruseski, J.E.** (2016). The Effect of Recreational Gambling on Regional Health Outcomes: Evidence from Canadian Provinces. West Virginia University, Department of Economics Working Paper 16-28.
retitled The Effect of Recreational Gambling on Health and Well-Being. (2021). *Eastern Economic Journal*, vol. 47, no. 1, 29-75, 2021.
17. Daniel S. Grossman & Humphreys, B.R., & **Ruseski, J.E.** (2017). Out of the Outhouse: The Impact of Place-Based Policies on Dwelling Characteristics in Appalachia. SSRN Working Paper, <http://dx.doi.org/10.2139/ssrn.2952400>
Journal of Regional Science, vol. 59, no. 1, 5-28, 2019.
18. Humphreys, B.R., & **Ruseski, J.E.** (2019). Geographic Determinants of Infant Health: The Impact of Sports Facility Construction Projects. SSRN Working Paper, <http://dx.doi.org/10.2139/ssrn.3467702>.
retitled *Local Negative Externalities and Large-scale Subsidized Construction Projects* retitled *Professional Sports Facility Construction Projects and Infant Health*

19. Cardazzi, A., Humphreys, B.R., **Ruseski, J.E.**, Soebbing, B. & Watanabe, N. (2020) Professional Sporting Events Increase Seasonal Influenza Mortality in US Cities. SSRN Working Paper, <http://dx.doi.org/10.2139/ssrn.3628649>.

Work in Progress

1. Humphreys, B.R. & **Ruseski, J.E.** NCAA Football Coach Compensation and Non-price Competition for Football Players.
2. Humphreys, B.R., Ray, A. & **Ruseski, J.E.** Spatial Variation in Disability and Poverty in United States Households.
3. McCannon, B.C. & **Ruseski, J.E.** The Public Choice of Certificate of Needs: Evidence from Ohio.
4. Humphreys, B.R., Reilly, P.A. & **Ruseski, J.E.** Competition Among Athletic Conferences for New Members: Evidence from NCAA Sports.
5. Humphreys, B.R., Ray, A. & **Ruseski, J.E.** Food Taxes and Participation in Physical Activity.
6. Grossman, D.S, Humphreys, B.R. & **Ruseski, J.E.** Opioid Abuse in Appalachia: Access to Opioids and Health Care Establishments, and Nonmedical Spillovers.
7. Ray, A. & **Ruseski, J.E.** Measuring the Relative Contribution of Sport Participation, Diet, and Socio-economic Status to Obesity.

Grants and Awards

Grants - Funded

- 1987-1990 Dynamic Nonprice Competition in a Regulated Industry: Evidence from the Maryland Hospital Industry.
Principal Investigator
National Institute of Mental Health Dissertation Training Grant, approx \$108,000 USD
- 2001-2002 Health Care in Developing and Transition Economies: The Case of the Czech Republic
Principal Investigator
Global Development Network (GDN) and MERCK, \$10,000 USD
- 2005-2006 Policy, Reform and Sustainable Change in Physical Education
Principal Investigator; Woods, A., Graber, K., Castelli, D., & Sioanean, C. (co-PIs)
University of Illinois at Urbana Champaign Research Board, \$5,320 USD
- 2008-2011 Competition in Canadian Health Care Markets: Good, Bad or Indifferent
Contributor to “Reinventing the Organization and Financing of Health Care”, Institute for Advanced Policy Research, University of Calgary
Funded by Alberta Health and Wellness, \$20,000 CAD
- 2008-2009 Endowment Fund for the Future - Capital Recruitment Fund
University of Alberta, Faculty of Arts Spring 2008 Competition \$6,000 CAD
- 2009 The Sports Economy
Principal Investigator; Humphreys, B. R. & Soebbing, B.P. (co-PIs)

- Nike - Sustainable Business and Innovation, \$5,000 USD
- 2009 Bringing Change to Youth Sports: A Roadmap for American Coaches, Educators and Policy Makers
Principal Investigator; Humphreys, B. R., & Soebbing, B. P. (co-PIs)
Up2Us, New York, \$3,000 USD
- 2010 The Determinants of Problem and Recreational Gambling and the Effect of Gambling on Health
Principal Investigator; Humphreys, B. R.(co-PI); Nyman, J. (collaborator)
Alberta Gaming Research Institute, Alberta, \$28,221 CAD
- 2010 Physical Activity and the Production of Health
European Conference on Health Economics, Helsinki, Finland, July 2010
Killam Research Fund Conference Travel Grant, \$2,800 CAD
- 2010-2011 Establishment of a Canadian-based International Research Network to Improve Quality of Life, Communication and Economic Outcomes in Head and Neck Cancer Survivors
Co-applicant; Reiger, J. (Principal Investigator)
Canadian Institutes of Health Research, \$100,000 CAD
- 2011-2014 Gambling, Health Outcomes and Health Care Utilization in Alberta
Principal Investigator; Humphreys, B. R. (co-PI); Nyman, J. & Wynne, H. (collaborators)
Alberta Gaming Research Institute, Alberta, \$154,978 CAD
- 2012-2013 Canadian Health Economics Study Group, 2012 Scientific Meeting
Co-investigator; McLeod, L. (Principal Investigator)
Canadian Institutes of Health Research, \$16,234 CAD
- 2013-2015 Canadian Health Outcomes, Performance and Efficiency (CanHOPE) -
Project for Analysis of AMI and Stroke Care Data for Policy Making
Co-applicant; Ohinmaa, A., Klarenbach, S. (co-PIs)
Canada Heart and Stroke Foundation, \$175,000 CAD
- 2013-2014 State of the Region: Examining Changes to Appalachian Region Since 1964
Co-applicant; Poole, K. (CREC), Jackson, R. (WVU RRI), Deskins, J. (WVU BBER (co-PIs)
Appalachian Regional Commission, \$297,736
- 2014-2019 West Virginia Prevention Research Center, Applied Research Project
Co-investigator; Dino, G. (PI), Long, D., Prendergast, E., Cottrell, L., Vona-Davis, L.,
Salati, L., Blank, M., Tompkins, N., & Frey-Mcclung, V. (co-investigators)
US DHHS-CDC-National Center for Chronic Disease Prevention & Health Promotion
\$4,785,944
- 2015-2016 State of WV State Innovation Model (SIM) Design Award
Economist, Financial Analyst; Coben, J. (PI), Cottrell, L., King, D., Pollard, C. (co-investigators)
US DHHS, Centers for Medicare & Medicaid Studies (CMS), FOA: CMS-1G1-14-001
\$1,939,705
- 2015-2017 Behavioral Economic Approaches to Understanding Maternal Smoking in Appalachia
Co-Principal Investigator; Humphreys, B. (co-PI)
WVU Addressing Health Disparities in Appalachia Flash Funding Opportunity, \$10,000

- 2017-2019 Home Visits after Opioid Overdose: A Program to Improve Outcomes
Co-Principal Investigator; Feinberg, J. (PI), Bossarte, R., Winstanley, E. (co-PIs)
Center for Disease Control; WVU Injury Control Research Center
\$304,760
- 2017 Behavioral Economic Approaches to Understanding Maternal Smoking in Appalachia
Co-Principal Investigator; Humphreys, B. (co-PI)
WVU College of Business and Economics Summary Salary Research Support Program, \$13,000
- 2019 Measuring the Relative Contribution of Exercise, Diet, and Socioeconomic Status to Obesity
Co-Principal Investigator; Humphreys, B. (co-PI)
WVU College of Business and Economics Summary Salary Research Support Program, \$13,000
- 2019-2024 The Integrated Community Engagement (ICE) Collaborative
Co-investigator; Kristjansson, A. (PI), Mann, M. (co-investigator)
U.S. Centers for Disease Control and Prevention
- 2021 Implementation and Utilization of an Adult Dental Benefit in Medicaid: Evaluating the Impact on Oral Health, Overall Wellness, and Economic Benefit
Co-investigator; Panagakos, F. (PI), Grossman, D., Mahakalanda, S., Reddig, K. (co-investigators)
CareQuest Institute for Oral Health
\$175,000

Grants - Pending

- 2020 A Deep Learning Mixed Methods Approach to Analyze the Effect of Survivorship Care Plans on Cancer Mortality and Disease Endpoints and Inform Precision Implementation (DATA ESCALTES Precision)
Co-investigator; Dino, G. (PI), Stout, N., Bourai, T., Wen, S. (co-investigators)
US DHHS-CDC-National Center for Chronic Disease Prevention & Health Promotion
\$700,000

Awards

- 2017 John Chambers College of Business & Economics, Department of Economics Service Award Nominee
- 2018 John Chambers College of Business & Economics, Department of Economics Service Award Nominee
- 2020 John Chambers College of Business & Economics, Department of Economics Service Award Nominee

Teaching and Supervision

Courses Taught

Course	Level	Institution
Health Economics	Ph.D., Masters, Undergraduate	West Virginia University University of Alberta

		University of Illinois
		Johns Hopkins University
		CERGE-EI
Health Data Analysis	Undergraduate	University of Illinois
Health Services Financing	Undergraduate	University of Illinois
Economics of Health Care Reform	Masters	University of Paderborn
The Economics of Health Care Systems	Masters, Undergraduate	University of Paderborn
Market Research in Sport	Masters	Deutsche Sporthochschule Koln
Economics of Sport Participation (Physical Activity) & Health	Masters	Deutsche Sporthochschule Koln & University of Zurich
Applied Economic Research	Undergraduate (Capstone)	West Virginia University
Research Design & Methodology	Ph.D.	West Virginia University
Graduate Research Workshop	Ph.D.	University of Alberta
Directed Research Project	Masters	University of Alberta
Principles of Microeconomics	Undergraduate	UMBC
Intermediate Microeconomic Theory I	Undergraduate	University of Alberta
Intermediate Microeconomic Theory II	Undergraduate	University of Alberta
Intermediate Microeconomic Theory	Undergraduate	West Virginia University
Labor Economics	Undergraduate	UMBC

Supervision

Student	Department, Institution	Role	Degree	Status
Monica Moses	Economics, West Virginia University	Committee Chair	Ph.D.	Incomplete
Alexander Marsella	Economics, West Virginia University	Committee Member	Ph.D.	Incomplete
Clay Collins	Economics, West Virginia University	Committee Member	Ph.D.	Incomplete
Haleh Amanieh	Psychology, West Virginia University	Committee Member	Ph.D.	Incomplete
Allyssa Wadsworth	Economics, West Virginia University	Committee Chair	Ph.D.	Completed 2022
<i>Placement: University of Houston - Clear Lake (Houston, TX), Assistant Professor</i>				
Sara Guffey	Economics, West Virginia University	Committee Member	Ph.D.	Completed 2022
<i>Placement: West Virginia University (Morgantown, WV), Visiting Assistant Professor</i>				
Tuyen Pham	Economics West Virginia University	Committee Chair	Ph.D.	Completed 2022
<i>Placement: Ohio University (Athens, OH), Visiting Professor</i>				
Cierra Edwards	Psychology, West Virginia University	Committee Member	Ph.D.	Completed 2021
Shishir Shakya	Economics, West Virginia University	Committee Chair	Ph.D.	Completed 2020
<i>Placement: Shippensburg University (Shippensburgh, PA), Assistant Professor</i>				
Arijit Ray	Economics, West Virginia University	Committee Chair	Ph.D.	Completed 2020
<i>Placement: Cleveland State University (Cleveland, OH), Visting Assistant Professor</i>				
Candon Johnson	Economics, West Virginia University	Committee Member	Ph.D.	Completed 2020
<i>Placement: U.S. Food and Drug Administration (Silver Spring, MD), Staff Fellow</i>				
Yulia Chikish	Economics, West Virginia University	Committee Member	Ph.D.	Completed 2019
<i>Placement: SUNY-Purchase (Purchase, NY), Assistant Professor</i>				
Josh Matti	Economics, West Virginia University	Committee Member	Ph.D.	Completed 2019
<i>Placement: Georgia Gwinnett College (Lawrenceville, GA), Assistant Professor</i>				
Taining Wang	Economics, West Virginia University	Committee Member	Ph.D.	Completed 2019
<i>Placement: Capital University of Economics & Business (Beijing, China), Assistant Professor</i>				
Pyun Hyunwoong	Economics, West Virginia University	Committee Member	Ph.D.	Completed 2018
<i>Placement: Sungkyunkwan University (Seoul, Korea), Assistant Professor</i>				
Patrick Manzi	Economics, West Virginia University	Committee Member	Ph.D.	Completed 2015
<i>Placement: National Automobile Dealers Association (McLean, VA), Senior Economist</i>				
Jie Yang	Economics, University of Alberta	Committee Member	Ph.D.	Completed 2015
<i>Placement: Government of Alberta (Edmonton, AB), Analyst</i>				
Negar Razavilar	Economics, University of Alberta	Supervisor	Ph.D.	Completed 2016
<i>Placement: Institute of Health Economics (Edmonton, AB), Health Economist & Data Analyst</i>				
Camille Jasper	Economics, University of Alberta	2nd Reader	MA	Completed 2008
Edmond Chiu	Economics, University of Alberta	2nd Reader	MA	Completed 2009
Mahmood Zarrabi	Economics, University of Calgary	External Reviewer	Ph.D.	Completed 2009
Lei Zheng	Economics, University of Alberta	Supervisor	MA	Completed 2010
Quiankun Fu	Economics, University of Alberta	2nd Reader	MA	Completed 2010
Lina Ng	Economics, University of Alberta	Supervisor	MA	Completed 2012
Xiaodong Che	Economics, University of Alberta	2nd Reader	MA	Completed 2012
Mitchel Laffin	Economics, University of Alberta	2nd Reader	MA	Completed 2012
Tianqi Song	Economics, University of Alberta	2nd Reader	MA	Completed 2012

University Service

2022-2023

Academic Search Committee, Department of Economics
Chambers College of Business and Economics

2022-	West Virginia University Faculty Senate
2021-	West Virginia University Promotion & Tenure Committee Chambers College of Business and Economics
2019-2022	West Virginia University Academic Search Committee, Department of Economics Chambers College of Business and Economics
2021-2022	West Virginia University Regional Research Institute Director Search Committee
2021-	West Virginia University Academic Technology Committee, Faculty Senate
2020-2021	West Virginia University Vendor-Based Third Party Platforms Use in Classrooms Committee (Ad Hoc), Faculty Senate
2020	West Virginia University Executive DBA Committee (Ad Hoc), College of Business and Economics
2019-2020	West Virginia University Academic Search Committee, Chair, Department of Economics College of Business and Economics
2018-2019	West Virginia University Grants Task Force Committee (Ad Hoc), College of Business and Economics
2018-2020	West Virginia University Women's Leadership Initiative Pod Coach, West Virginian University
2017-	West Virginia University Ph.D. Program Coordinator, Department of Economics College of Business and Economics
2021	West Virginia University Ph.D. Programs Committee, College of Business and Economics
2017-2021	West Virginia University Ph.D. Programs Committee, Chair, College of Business and Economics
2017-	West Virginia University Graduate Programs Committee, College of Business and Economics
2017-	West Virginia University Mountaineer Health Initiative Steering Committee
2016-2019	West Virginia University Graduate Admissions & Financial Aid Committee; College of Business and Economics
2016-	West Virginia University Mountaineer Health Initiative Steering Committee, West Virginia University
2013-2014; 2016-	West Virginia University Graduate Studies Committee; Chair, Department of Economics
2014-2015	West Virginia University Academic Search Committee member, Department of Economics, College of Business and Economics, West Virginia University
2013-2021	West Virginia University Promotion & Tenure Committee member, Department of Economics, College of Business and Economics, West Virginia University
2013-2016	West Virginia University Library & Research Committee; College of Business and Economics
2007-2013	West Virginia University Faculty/Graduate Student Workshop Organizer; Department of Economics University of Alberta
2008-2009	West Virginia University Academic Search Committee member, Department of Public Health Sciences School of Public Health, University of Alberta
2010-2013	West Virginia University Department of Economics Newsletter Committee (Chair) University of Alberta

2012- 2013 Arts Executive Council; Faculty of Arts
University of Alberta

Conferences & Seminars

Presentations - Refereed Submissions (Last 3 Years)

- Cardazzi, A., Humphreys, B.R., **Ruseski, J.E.**, Soebbing, B. & Watanabe, N. Professional Sporting Events Increase Seasonal Influenza Mortality in US Cities. XV Gijon Conference on Sports Economics, Gijon, Spain, December 2021, 48th Eastern Economic Association Annual Meeting, Montego Bay, Jamaica, May 2022, 13th European Sport Economic Association Conference on Sport Economics, Helsinki, Finland, August 2022.
- Humphreys, B.R., Ray, A. & **Ruseski, J.E.** Food Taxes and Participation in Physical Activity. Southern Economic Association, 91st Annual Conference, Houston, TX, November 2021.
- Humphreys, B.R., **Ruseski, J.E.** Air Quality and Employee Team Performance: Evidence from the NFL. North American Association of Sports Economists, 1st Virtual Conference, July 2020; Southern Economic Association, 90th Annual Conference, New Orleans, LA, November 2020.
- Matti, J. & **Ruseski, J.E.** The Location of Healthcare Services: Evidence from Phoenix Yelp Reviews. Institute for Humane Studies, Reforming Healthcare Markets Virtual Workshop, June 2020.
- Humphreys, B.R., Ray, A. & **Ruseski, J.E.** Spatial Variation in Disability and Poverty in United States Households. Western Economic Association International, Virtual 95th Annual Conference, June 2020; Society of Economics of the Household 3rd Annual Conference, Lisbon, Portugal, May 2019; Western Economic Association International, 15th International Conference, Tokyo, Japan, March 2019.
- Humphreys, B.R., Reilly, P.A. & **Ruseski, J.E.** Competition Among Athletic Conferences for New Members: Evidence from NCAA Sports. North American Association of Sports Economists, 1st Virtual Conference, July 2020; Eastern Economic Association, 46th Annual Conference, Boston, MA, March 2020; Southern Economic Association, 89th Annual Conference, Ft. Lauderdale, FL, November 2019; 11th European Sport Economics Association Conference on Sport Economics, Gijon, Spain, August 2019.
- Humphreys, B.R., **Ruseski, J.E.** The Effect of Public Subsidies to Professional Sports Franchises on Infant Health. Eastern Economic Association, 44th Annual Conference, Boston, MA, March 2018; 2nd Society of the Economics of Households Conference, Paris, France, May 2018; 6th Health Economics Workshop, Bergamo, Italy, July 2018; European Sport Economics Association, 9th Congress, Paderborn, Germany, August 2017.
- Ruseski, J.E.** Measuring the Relative Contribution of Sport Participation, Diet, and Socioeconomic Status to Obesity. Eastern Economic Association, 45th Annual Conference, New York, NY March 2019; Western Economic Association International, 15th International Conference, Tokyo, Japan, March 2019; European Sports Economics Association, 10th Congress, Liverpool, UK, August 2018.
- Ruseski, J.E.** & Zhou, Y. Institutions Matter: Political Ideology, Race, and Health Disparities. Western Economic Association International, 93rd Annual Conference, Vancouver, BC, June 2018.

Presentations - Invited (Last 5 Years)

- Ruseski, J.E.**, Exploring the Role of University Sponsored Sport on Health and Wellbeing: An Economic Perspective, McKenna Economic Education Lecture, Center of Political and Economic Thought, St. Vincent College, Latrobe, PA, 2022
- Humphreys, B.R., **Ruseski, J.E.** & Zhou, L. Physical Activity, Present Bias, and Habit Formation: Theory and Evidence from the Field. University of New Hampshire, Department of Economics, Durham, NH 2020.
- Humphreys, B.R., **Ruseski, J.E.** & Zhou, L. Physical Activity, Present Bias, and Habit Formation: Theory and Evidence from the Field. Monash University, Department of Economics, Melbourne, AU 2020.
- Humphreys, B.R., **Ruseski, J.E.** The Effect of Public Subsidies to Professional Sports Franchises on Infant Health. Centre for Health Economics, Monash University, Melbourne, AU 2020.
- Ruseski, J.E.** & Zhou, Y. Institutions Matter: Political Ideology, Race, and Health Disparities. Texas Tech University, Free Market Institute, Lubbock, TX 2018.
- Humphreys, B.R. & **Ruseski, J.E.** Understanding Maternal Smoking in Appalachia. University of Wisconsin, LaCrosse, Department of Economics, LaCrosse Wisconsin, April 2018.

Professional Activities

Editorial Boards & Offices

- International Journal of Sport Finance*, Executive Editor, 2021-
- Contemporary Economic Policy*, Co-editor, 2015-
- International Journal of Sport Finance*, Associate Editor, 2015-2021
- North American Society of Sports Economists*, Secretary, 2016-
- European Sport Economics Association*, Board Member, 2021-
- Handbook of Sports Economics*, Editor, 2016-2018.

Ad Hoc Journal Referee

Contemporary Economic Policy, Applied Economics, Economic Inquiry, Eastern Economic Journal, Journal of Health Economics, Health Policy, B.E. Journal of Economic Analysis & Policy, Tourism Economics, Journal of Sports Economics, International Journal of Sport Finance, Labour Economics, Medicine and Science in Sports & Exercise, Journal of Aging and Physical Activity, European Review of Physical Activity and Aging, Journal of Sport Management, Canadian Public Policy, Labor Economics, Economics & Human Biology, Journal of Sport and Health Science, European Journal of Health Economics, Health Economics, International Journal of Sport Policy and Politics, Journal of Public Health, Journal of Human Resources, Sport Management Review, The Review of Regional Studies, Economic Analysis and Policy, International Journal of Economics and Management, European Journal of Public Health, European Sport Management Quarterly, Journal of Physical Activity and Health, Health Policy, Nutrients, BMJ Open, Behavioural and Cognitive Psychotherapy, BMC Public Health, Health and Quality of Life Outcomes, Journal of Behavioral and Experimental Economics, Review of Economics of the Household, World Leisure Journal, Social Science Quarterly, Social Science & Medicine, Public Health, Journal of Occupational and Environmental Medicine, Journal of Economic Behavior and Organization, Economics of Governance, Frontiers in Psychology, Frontiers in Sports and Active Living, Mathematics, Journal of Global Sport Management, Nature Human Behaviour, International Journal of Environmental Research and Public Health, Journal of Occupational Health

Textbook Review

Hurley, J. (2010) *Essential Principles of Health Economics*, 1st Edition, McGraw Hill-Ryerson, Limited - technical review of entire manuscript; content review of Preface and Chapters 5,6,13,14 and 15.

Scientific Review Committees

International Health Economics Association, abstract review, 6th World Congress. Copenhagen, Denmark. July 2007.

American Society of Health Economists, abstract review, 2nd Biennial Congress. Durham, North Carolina. June 2008.

International Health Economics Association, abstract review, 7th World Congress. Beijing, China. July 2009.

American Society of Health Economists, abstract review, 3rd Biennial Congress. Ithaca, New York. June 2010.

International Health Economics Association, abstract review, 8th World Congress. Toronto, ON. July 2011.

European Conference on Health Economics, abstract review, 9th World Congress. Zurich, Switzerland, July 2012.

American Society of Health Economists, abstract review, 5th Biennial Congress. Los Angeles, CA, June 2014.

European Conference on Health Economics, abstract review, 10th Congress. Dublin, Ireland, July 2014.

European Sport Economics Association, abstract review, 6th Conference on Sports Economics, Antwerp, Belgium, September 2014.

International Health Economics Association, abstract review, 11 World Congress. Milan, Italy, July 2015.

European Sport Economics Association, abstract review, 7th Conference on Sports Economics, Zurich, Switzerland, August, 2015.

American Society of Health Economists, abstract review, 6th Biennial Congress, Philadelphia, PA, 2016.

International Health Economics Association, abstract review, 13 World Congress. Boston, MA, July 2017.

European Sport Economics Association, abstract review, 9th Conference on Sports Economics, Paderborn, Germany, August, 2017.

American Society of Health Economists, abstract review, 7th Biennial Congress, Atlanta, GA, 2018.

International Health Economics Association, abstract review, 2021 Congress. Virtual, July 2021.

American Society of Health Economists, abstract review, 11 Annual Conference, Austin, TX, 2022.

Grant Proposals Review

Center for Economic Research and Graduate Education / Global Development Network, Global Research Competition, 2001 - 2003.

Substance Abuse and Mental Health Services Administration, Dissertation Grant Proposals, 2003.

MITACS Accelerate Internship Proposal, 2010.

Physicians' Services Inc. Foundation Research Grant Application, 2011, 2012.

WVCTSI HOPE Grant, 2015.

WVCTSI West Virginia University/Marshall Health Grants, 2015.

Memberships & Advisory Committees

Member, West Virginia Health Innovation Collaborative

Member, Future of Nursing West Virginia, Strategic Advisory Council

Member, Women's Leadership Initiative, West Virginia University

Faculty Member, Mountaineer Health Initiative, West Virginia University

Affiliated Faculty, Center for Free Enterprise, West Virginia University

Fellow, Institute of Public Economics, University of Alberta, Edmonton, AB

American Economic Association

Western Economic Association International

Southern Economic Association

International Health Economics Association

American Society of Health Economists

North American Society of Sports Economists

European Sports Economics Association

Policy and Commissioned Papers

Ruseski, J.E., Murray, R. & Phelps, D. (February 1994). Payment System for Private Psychiatric Hospitals. *Report prepared for Maryland Health Services Cost Review Commission.*

Ruseski, J.E.. (June 1996). Incentive-Based Outpatient Revenue Constraint and Payment System. *Staff Recommendation to Health Services Cost Review Commission.*

Ruseski, J.E., Duffy, S. & Betley, C. (February, 1997). Health Services Cost Review Commission Screening Methodology: Evaluation of Disproportionate Share and Indirect Medical Education Adjustments. *Report prepared for Health Services Cost Review Commission.*

Ruseski, J.E. (April 1997). Uncompensated Care Regression and Policy. *Recommendations to Health Services Cost Review Commission.*

- Ruseski, J.E.** & Betley, C. (August 1998). Evaluation of Disproportionate Share and Indirect Medical Education Adjustments in the HSCRC Screens. *Recommendation to Health Services Cost Review Commission, August.*
- Ruseski, J. E.** (October 2002). Health Care in the Developing World: The Case of the Czech Republic. *Report prepared for GDN-Merck grant.*
- Brad R. Humphreys, B. R., **Ruseski, J. E.** & Soebbing, B. P. (December 2009). The Sports Economy. Policy Paper for NIKE.
- Humphreys, B. R., **Ruseski, J. E.** & Soebbing, B. P. (September 2009). The Decline of Youth Sports in America. Policy Paper for Up2Us.

Expert Testimony

- Ruseski, J. E.,** Cavanaugh, S., Duffy, S. & Murray, R. Advisory Committee on Graduate Medical Education: Final Report. Prepared for Health Services Cost Review Commission. Baltimore, MD. December 1995.
- Ruseski, J. E.** Uncompensated Care and Case-Mix Intensity Adjustments in Full Rate Review Process. Testimony prepared for Leland Memorial Hospital's Full Rate Review Hearing before Health Services Cost Review Commission. Baltimore, MD. December 1992.
- Ruseski, J. E.** Comparative Financial Analysis of Proposed Sites for Open Heart Surgery Program in Western Maryland. Testimony prepared for Maryland Health Resources Planning Commission Competitive Certificate of Need Review for Open Heart Surgery in Western Maryland. October 1992.
- Ruseski, J. E.** Comparative Financial Analysis of Proposed Sites for Open Heart Surgery Program in Central Maryland. Testimony prepared for Maryland Health Resources Planning Commission Competitive Certificate of Need Review for Open Heart Surgery in Central Maryland. July 1992.