**VITA**

**CEZAR BRIAN (C.B.) MAMARIL**

# EDUCATION

* Ph.D. in Public Policy and Administration, Martin School of Public Policy and Administration, University of Kentucky. Dissertation Committee: Dr. Dwight Denison (Chair), Dr. J.S. Butler, Dr. Merl Hackbart, and Dr. Edward Jennings, Jr.

**Dissertation Title**: *Funding State Defined Benefit Pension Plans: An Empirical Evaluation*

**Degree Area of Specialization**: *Public Budgeting and Financial Management*

* Master of Science in Agricultural and Applied Economics, Virginia Tech
* Bachelor of Science in Agricultural Economics, University of the Philippines

# TEACHING AND RESEARCH INTERESTS

**Teaching Interests:** health finance and health policy, public and nonprofit budgeting and financial management; quantitative research methods, program evaluation

**Research Interests**: health services research, cost-effectiveness analysis, public health finance and policy, public budgeting and financial management, quantitative research methods, program evaluation, disability policy

# TEACHING EXPERIENCE

* Teaching Assistant Professor, Department of Kinesiology & Community Health, College of Applied Health Sciences, University of Illinois at Urbana-Champaign

*Course number (section), title, and semesters taught*:

* CHLH 250 (A, URH) Health Care Systems (Fall 2022, Spring 2023)
* CHLH 260 (AL1, CL2) Introduction to Medical Ethics (Fall 2019/20/21, Spring 2020/21)
* CHLH 455 (A) Health Services Financing (Fall 2019/20/21/22, Spring 2020/21/22/23)
* CHLH 552 (HE) Health Economics (Fall 2019/20/21/22)
* CHLH 553 (HF) Health Finance (Spring 2020/21/22/23)
* CHLH 554 (AHF) Advanced Health Finance (Spring 2021/22/23)
* CHLH 550 (A) Health Policy (Spring 2021)
* Adjunct Professor, Department of Health Management and Policy, College of Public Health, University of Kentucky

*Course number, course title, and semesters taught:*

* CPH 652-402 Health Finance (Spring 2019)
* CPH 652-402 Health Finance (Spring 2018)
* CPH 652-001 Health Finance (Fall 2016)
* CPH 608-004 Public Health Capstone Project-Health Services Management (Spring 2015)
* CPH 954-001 Seminar on Advanced Public Health Finance and Economics (Fall 2014)

# PUBLICATIONS AND REPORTS

* “Impact of state Medicaid expansion on cross-sector health and social service networks: Evidence from a longitudinal cohort study” with Rachel Hogg-Graham (first author), J.A. Benitez, K. Gatton, GP Mays. *Health Serv Res.* 2023; 1- 8. <http://doi:10.1111/1475-6773.14144>
* “Public and Oral Health: Crowding In? Reduced Uncompensated Care Costs Lead to Enhanced Community Health Activities” with Glen P. Mays (first author). 2020. *Health Services Research* 55(Suppl 1), 127–128. <https://doi.org/10.1111/1475-6773.13513>
* “Cost of Increasing Years-of-Life-Gained (YLG) Using Fecal Immunochemical Testing as a Population-Level Screening Model in a Rural Appalachian Population” with Richard A. Crosby and Tom Collins. 2020. *The Journal of Rural Health*. <https://doi-org.proxy2.library.illinois.edu/10.1111/jrh.12514>
* “Estimating the Cost of Providing Foundational Public Health Services” with Glen P. Mays, D.K. Branham, B. Bekemeier, J. Marlowe, and L. Timsina. 2017. *Health Services Research* <https://doi-org.ezproxy.uky.edu/10.1111/1475-6773.12816>
* “Public Health Spending and Medicare Resource Use: A Longitudinal Analysis of U.S. Communities” with Glen P. Mays (first author). 2017. *Health Services Research* 52(52): 2357-2377. <https://doi-org.ezproxy.uky.edu/10.1111/1475-6773.12785>
* “Preventable Death Rates Fell Where Communities Expanded Population Health Activities through Multisector Networks” with Glen P. Mays (first author) and Lava Timsina. 2016. *Health Affairs* 35(11). <https://doi-org.ezproxy.uky.edu/10.1377/hlthaff.2016.0848>
* “Hospital Contributions to the Delivery of Public Health Activities in U.S. Metropolitan Areas: National and Longitudinal Trends” with Rachel Hogg (first author) and Glen P. Mays. 2015. *American Journal of Public Health* 105.8: 1646-1652. <https://ajph-aphapublications-org.ezproxy.uky.edu/doi/full/10.2105/AJPH.2015.302563>
* “National Longitudinal Survey of Public Health Systems 1998-2014: Data Documentation and Codebook” (with Glen P. Mays, Lava Timsina, and Rachel Hogg). 2015. Lexington, KY: University of Kentucky Center for Public Health Systems and Services Research. Document No. S4A\_NLSPHS\_1215.
* “Evaluating Local Health Department Disease Surveillance and Epidemiologic Investigation.” *Frontiers in Public Health Serv. Sys. Res.* 2015; 4(4):36–9. [DOI: 10.13023/FPHSSR.0404.06](https://uknowledge.uky.edu/cgi/viewcontent.cgi?article=1172&amp;context=frontiersinphssr).
* “Accounting for Natural Disasters: The Impact of Earthquake Risk on California Municipal Bond Pricing” with Jacob Fowles and Gao Liu. 2009. *Public Budgeting and Finance*, 29(1): 68-83. DOI: 10.1111/j.1540-5850.2009.00924.x
* “Economic Evaluation of Transgenic Pest-resistant Rice in the Philippines and Vietnam” with George W. Norton. 2006. *Quarterly Journal of International Agriculture,* 45(2): 127-144.
* “Costs and Benefits of Multiple Virus Resistant Tomato in the Philippines” in George W. Norton and Desiree M. Hautea (eds.), Projected Impacts of Agricultural Biotechnologies for Fruits and Vegetables in the Philippines and Indonesia. International Service for the Acquisition of Agri-biotech Applications and the SEAMEO Southeast Asian Regional Center for Graduate Study and Research in Agriculture. 2009. ISBN 978-971-93983-2-5.
* “Support Providing Employees’ Association of Kentucky (SPEAK): An Ex-Post Evaluation of Project Impact on Direct Support Professional Agency and Worker-Level Outcomes” with Edward T. Jennings, Jr. August 2011. Report prepared for the Kentucky Council on Developmental Disabilities. 100 Fair Oaks Lane, 4E-F, Frankfort, Kentucky.
* “An Evaluation of Program Processes and Outcomes for the Kentucky Council on Developmental Disabilities” with Edward T. Jennings, Jr. September 10, 2010. Report prepared for the Kentucky Council on Developmental Disabilities. 100 Fair Oaks Lane, 4E-F, Frankfort, Kentucky.
* “Healthy People 2010 Indicators for Persons with Disabilities: Comparing Kentucky’s Healthy People 2010 Indicators with National Healthy People 2010 Objectives” with Edward T. Jennings, Jr. January 2010. Report prepared for the Kentucky Council on Developmental Disabilities. 100 Fair Oaks Lane, 4E-F, Frankfort, Kentucky.
* “Comparing Kentucky (KRS 387) & New Mexico (HB 161) Adult Guardianship Laws as They Relate to Persons with Disabilities” with Edward T. Jennings, Jr. February 2010. Report prepared for the Kentucky Council on Developmental Disabilities. 100 Fair Oaks Lane, 4E-F, Frankfort, Kentucky.
* “Considerations for Implementing a Medicaid Based (Non-Brokered) Wheelchair Van Cooperative Pilot Project” with Edward T. Jennings, Jr. September 12, 2008. Report prepared for the Kentucky Council on Developmental Disabilities. 100 Fair Oaks Lane, 4E-F, Frankfort, Kentucky.
* “Exploring the Use of Cooperatives to Meet the Transportation Needs of Individuals with Disabilities in Kentucky” with Edward T. Jennings, Jr. August 7, 2008. Report prepared for the Kentucky Council on Developmental Disabilities. 100 Fair Oaks Lane, 4E-F, Frankfort, Kentucky.
* “Aging Family Caretakers of Individuals with Disabilities: Background and Issues for Kentucky” with Edward T. Jennings, Jr. August 4, 2008. Report prepared for the Kentucky Council on Developmental Disabilities. 100 Fair Oaks Lane, 4E-F, Frankfort, Kentucky
* “Exploring the Use of Volunteers in Handicap Parking Enforcement in Kentucky with Selected Examples from Other States” (with Edward T. Jennings, Jr. and Jeremy L. Hall). February 2008. Report prepared for the Kentucky Council on Developmental Disabilities. 100 Fair Oaks Lane, 4E-F, Frankfort, Kentucky.
* “A Brief Overview of Vote Centers: Improving Access and Participation for Voters with Disabilities” with Edward T. Jennings, Jr. February 26, 2008. Report prepared for the Kentucky Council on Developmental Disabilities. 100 Fair Oaks Lane, 4E-F, Frankfort, Kentucky.
* State Anti-Bullying Laws and Policies for Schools” (with Edward T. Jennings, Jr. and Jodie Butler). January 2007. Report prepared for the Kentucky Council on Developmental Disabilities. 100 Fair Oaks Lane, 4E-F, Frankfort, Kentucky
* “State Initiatives to Address Autism Spectrum Disorders” (with Edward T. Jennings, Jr., Kristen Hoffman, and Perry Papka). August 2006. Report prepared for the Kentucky Council on Developmental Disabilities. 100 Fair Oaks Lane, 4E-F, Frankfort, Kentucky.

# CONFERENCE PAPERS, POSTERS, AND PRESENTATIONS

* “[Multi-sector Alliances in the Post-Affordable Care Act Era: Key Patterns and Trends](https://www.youtube.com/watch?v=pPfmaVrwXiM&feature=youtu.be)” with Glen P. Mays. Systems for Action Intramural Research Project. Research-in-Progress Webinar presentation held 13 February 2019. Systems for Action National Program Office, University of Kentucky College of Public Health. <http://systemsforaction.org/sites/default/files/021319_Webinar_Altarum_FinalSlides_Opt.pdf>
* “Uncompensated Care Provision and the Implementation of Population Health Improvement Strategies: An Empirical Examination of Hospital Contributions to the Delivery of Public Health Activities.” Paper presented at AcademyHealth 2018 Annual Research Meeting, Seattle, WA: June 24, 2018. Available at: <http://works.bepress.com/cbmamaril/15/>
* “Building High-Value Public Health Systems: Research, Policy & Collective Actions.” Paper presented at the National Network of Public Health Institutes (NNPHI) Open Forum for Quality Improvement and Innovation in Public Health, Louisville, KY: March 29, 2018. Available at: <http://works.bepress.com/cbmamaril/16/>
* “Dynamics of Public Health System Capital: An Empirical Typology” with Dominique Zephyr (presenter) and Glen Mays. Paper presented at APHA 2017 Annual Meeting and Expo. American Public Health Association, Atlanta, GA: November 8, 2017.
* “Do Public Health Systems Offset Hospital Uncompensated Care Costs? Evidence from a Longitudinal Community Cohort” with Andrew Parks, Lava Timsina, Rachel Hogg, and Glen Mays. Paper presented at APHA 2016 Annual Meeting and Expo. American Public Health Association, Denver, CO: October 31, 2016. Available at: <http://works.bepress.com/cbmamaril/18/>
* “RWJF Systems for Action Program to Build a National Culture of Health: Overview.” 2nd Annual Interdisciplinary Population Health Conference: Persistent and Emerging Issues in Population Health Science, Pennsylvania State University, PA: September 19, 2016. Available at: <http://works.bepress.com/cbmamaril/17/>
* “Performances of Local Health Departments: Do Rural Urban Characteristics Really Matter? with Lava Timsina (presenter), Glen Mays, Rachel Hogg, and Richard Ingram. Paper presented at AcademyHealth: Annual Research Meeting, 2016: Boston, MA.
* “Estimating the Cost of Providing Foundational Public Health Services (FPHS),” with Glen Mays, Keith Branham, Lava Timsina, Justin Marlowe, and Betty Bekemeier. Poster presented at AcademyHealth: Annual Research Meeting, June 26, 2016: Boston, MA.
* “Structure Matters: Financial Health of Academic Medical Centers,” with Robert Edwards (presenter) and John Poe. Poster presented at AcademyHealth: Annual Research Meeting, June 26, 2016: Boston, MA.
* “Model Simulation Techniques to Estimate the Cost of Implementing Foundational Public Health Services” with Glen P. Mays, Keith Branham, and Lava Timsina. 8th Annual Conference on the Science of Dissemination and Implementation. AcademyHealth and the National Institutes of Health, Washington DC: December 15, 2015.
* "Estimating the Cost of Foundational Public Health Services" with Glen P. Mays. Presented at the ASTHO CFO Network Quarterly Webinar. The Association of State and Territorial Health Officials. Arlington, VA: November 2, 2015. Available at: <http://works.bepress.com/cbmamaril/5>
* "An Update on the Work to Produce First Generation National Estimates on the Cost of Providing Foundational Public Health Services" with Glen P. Mays and Keith Branham. Presented at the Public Health Leadership Forum. RESOLVE, Robert Wood Johnson Foundation. Washington DC: October 2, 2015. Available at: <http://works.bepress.com/cbmamaril/7>
* "Overview of the Cost-Estimation (CE) Methodology for Providing Foundational Public Health Services (FPHS) and a Summary of Preliminary Results from Pre-Testing the FPHS CE Data Collection Instrument in Kentucky and Ohio" with Glen P. Mays and Keith Branham. Presented at the Kentucky Health Departments Association Monthly Meeting. Frankfort, KY: July 21, 2015. Available at: <http://works.bepress.com/cbmamaril/8>
* "Changes in Public Health System Capital and Long-Run Health and Economic Outcomes: 1998 to 2014" with Glen P. Mays. Poster presented at the AcademyHealth Annual Research Meeting. Minneapolis, MN: June 14-16. 2015. Available at: <http://works.bepress.com/cbmamaril/10/>
* "Foundational Public Health Services Cost Estimation: Overview of Methodology and Preliminary Results from Pre-Testing the FPHS CE Data Collection Instrument in Ohio" with Glen P. Mays and Keith Branham. Presented at the Public Health Leadership Forum. RESOLVE, Robert Wood Johnson Foundation. Washington DC: May 12. 2015. Available at: <http://works.bepress.com/cbmamaril/6>
* "Cost Estimates of Foundational Public Health Services: Results from Piloting an Expert Consensus Methodology" with Glen P. Mays (presenting). Paper presented at the American Public Health Association Annual Meeting. New Orleans, LA: Nov. 2014. Available at: <http://works.bepress.com/glen_mays/184>
* "Cost Estimates of Foundational Public Health Capabilities: Pilot Test Results of an Expert Consensus Methodology" with Glen P. Mays. Presented at the Public Health Leadership Forum. RESOLVE, Robert Wood Johnson Foundation. Washington, DC: Oct. 2014. Available at: <http://works.bepress.com/glen_mays/172>
* “Non-Profit Hospitals and Community Benefits: A Comprehensive Analysis” with Andrew Parks (presenting) and Glen Mays. Poster presentation at the 2014 AOA Groves Memorial and MD/PhD Program Student Research Symposium. University of Kentucky, Lexington, KY: February 21, 2014. Available at: <http://works.bepress.com/cbmamaril/3>
* "Return on Investment in Prevention and Public Health: Overview and Opportunity.” Presented at Changing this Generation through Unbridled Health Stakeholder’s Meeting. Kentucky Department of Health coordinated with funding from the Centers for Disease Control & Prevention. Frankfort, KY: November 20, 2013. Available at: <http://works.bepress.com/cbmamaril/4>
* “Update on Public Health Cost Estimation Studies in Practice Based Research Networks (PBRN)” with Glen P. Mays. Presented at the 9th Annual Public Health Finance Roundtable, American Public Health Association Annual Meeting. Boston, MA: November 3, 2013. Available at: <http://works.bepress.com/cbmamaril/2>
* “Support Providing Employees’ Association of Kentucky (SPEAK): An Ex-Post Evaluation of Project Impact on Direct Support Professional Agency and Worker-Level Outcomes” with Edward Jennings, Jr. Presented at the 2011 Research Conference of the Southeastern Conference for Public Administration. New Orleans, LA: September 21-24, 2011
* “Selected Policy Reforms in Funding State Retirement Systems and its Fiscal Implications for State Budgets.” Presented at 32nd Annual Research Conference of the Association for Public Policy Analysis and Management. Boston, MA: November 4-6, 2010.
* “The Impact of GASB 45 on State Pension Plan Funding.” Presented at the annual meeting of the Association for Budgeting and Financial Management. Omaha, NE: October 7-9, 2010.
* “Employer Contributions in Defined Benefit Public Pension Plans: Assessing Contribution Rates in State Retirement Systems.” Presented at the annual meeting of the Association for Budgeting and Financial Management. Washington, DC: September 24-26, 2009.
* “Kentucky’s Unfunded Public Pension Liabilities: A Framework for Understanding the Relevant Funding Issues for Kentucky’s Public Retirement Systems” with Merl M. Hackbart and Lowell Reese. Presented at the *Lexington Business Round Table Meeting*. Lexmark, Lexington, KY: August 26, 2008.
* “Natural Disaster Risk and Municipal Bond Pricing in California” with Jacob Fowles (presenting) and Gao Liu. Presented at the annual meeting of the Association for Budgeting and Financial Management. Washington, DC: October 2007.
* “Economic Development Strategies in the U.S.: Evolution of State Level Entrepreneurial Support and Promotion” with Juita-Elena Yusuf. Presented at the 46th Annual Meeting of the Southern Regional Science Association. Charleston, SC: March 29-31, 2007.
* “Potential Impacts of Rice Biotechnologies in Asia”with G. Hareau (presenting), B. Mills, E. Peterson, and G. Norton. Presented at the NC 1003 Conference on Research Impacts and Decision Strategies for Biotechnologies, Donald Danforth Plant Science Center, St. Louis, MO: March 6, 2004.
* “Economics of Brown Rice Production and Marketing*.*”Presented at the *Asia Rice Foundation Conference on* *Business Opportunities of Brown Rice*. International Rice Research Institute, Los Baños, Laguna, Philippines: November 21, 2003.

# PROFESSIONAL EXPERIENCE

* Teaching Assistant Professor, Department of Kinesiology & Community Health, College of Applied Health Sciences, University of Illinois at Urbana-Champaign (2019-*present*)
* Research Assistant Professor, Department of Health Management and Policy, University of Kentucky College of Public Health (2013-2019).

# PROFESSIONAL AFFILIATIONS

* American College of Healthcare Executives
* Association of University Programs in Health Administration
* AcademyHealth
* American Public Health Association
* Association for Public Policy Analysis and Management
* Association for Budgeting and Financial Management

# AWARDS, HONORS, RECOGNITIONS

**Teachers Ranked as Excellent by Their Students List** - as determined by the University of Illinois at Urbana-Champaign Instructor & Course Evaluation System (ICES)

*By Semester & Courses*

* Fall 2019 Semester CHLH 260, CHLH 594-HE
* Spring 2020 Semester CHLH 260, CHLH 455
* Fall 2020 Semester CHLH 260, CHLH 455, CHLH 594-HE
* Spring 2021 Semester**\*** CHLH 260, CHLH 455, CHLH 594-HF

**\* *Instructor ratings were outstanding***

* Fall 2021 Semester CHLH 260, CHLH 455, CHLH 552
* Spring 2022 Semester CHLH 455
* Fall 2022 Semester CHLH 250, CHLH 455, CHLH 552