**Cristian Ioan Meghea**

**Curriculum Vitae**

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Department of Obstetrics, Gynecology, and Reproductive Biology

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**EDUCATION**

Ph.D. Economics, Maxwell School, Syracuse University, Syracuse, NY, USA, 2004

M.A. Economics, Maxwell School, Syracuse University, Syracuse, NY, USA, 2001

B.A. Economics, Babes-Bolyai University, Cluj-Napoca, Romania, 1998.

Global Health Certificate. Johns Hopkins Bloomberg School of Public Health, Baltimore, MD, 2016

Global Tobacco Control Certificate. Johns Hopkins Bloomberg School of Public Health, Baltimore, MD, 2015

#### **PROFESSIONAL EXPERIENCE**

2019 – present Associate Professor with tenure. Department of Obstetrics, Gynecology and Reproductive Biology. College of Human Medicine. Michigan State University.

2018 – present Public Health Research Director. SRNT University (SRNT - Society for Research on Nicotine and Tobacco)

2007 – present Associated Researcher. Department of Public Health. Babes-Bolyai University, Cluj-Napoca, Romania.

2016 – 2019 Assistant Professor. Department of Obstetrics, Gynecology and Reproductive Biology. College of Human Medicine. Michigan State University.

2010 – 2016 Assistant Professor, fixed term. Institute for Health Policy and Department of Obstetrics, Gynecology and Reproductive Biology. Michigan State University.

2006 – 2010 Assistant Professor, fixed term. Institute for Health Policy. Michigan State University

2004 – 2006 Senior Researcher. American College of Radiology.

**MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS**

Academy Health 2005 – 2007

American Public Health Association 2005 – 2013

International Health Economics Association 2005 – 2015

American Society of Health Economists 2006 – 2008

European Public Health Association 2016

Society for Research on Nicotine and Tobacco 2015 – 2018

#### **GRANTS AND CONTRACTS**

**Grants and contracts summary:**

* 29 proposals submitted as Principal Investigator, 22 funded (76% success rate);
* 17 proposals submitted as Co-Investigator, 10 funded (59% success rate).
* Total funding with Meghea as PI/Co-PI: $9,697,254. Total funding: $21,024,212

**Current**

R01 MD016003 (Johnson and **Meghea**) 2020 – 2025 Role: PI

NIH/NIMHD $3,944,351

*Meeting women where they are: Multilevel intervention addressing racial disparities in maternal morbidity and mortality*

This community-partnered study will scale a community, provider, and system-level intervention to reduce African American maternal morbidity and mortality disparities in two Michigan counties (Genesee and Kent) and will test the intervention using data from all Medicaid insured women who deliver in Michigan from 2016-2019 and 2021–2024 (approximately 540,000 births, including 162,000 births to African American women).

R21HD103039 (**Meghea** andFoley) 2020 – 2022 Role: PI

NIH. $210,787

*A Smartphone Intervention for Pregnancy Smoking Cessation with Peer Support*

The objectives of this application are to develop, implement, and test the feasibility and effectiveness of an artificial intelligence adaptive mobile pregnancy tobacco cessation app-based intervention using deep tailoring and a self-nominated support person, and to build mHealth research capacity in Romania.

The R21 is the first phase of an up to five-year R21/R33 funding mechanism.

U7BMC33635 **(Frazier)**  2020 – 2024 Role: subaward PI

*Alliance for Innovation on Maternal Health - Community Care Initiative (AIM-CCI)*

HRSA. $106,921 2020-2021MSU subaward (of a total award of $9.1 million)

The objectives of this project are to facilitate national implementation and adoption of non hospital focused maternal safety bundles and to collect and analyze structure, process, and outcome data to drive continuous improvement in the implementation of non-hospital focused maternal safety bundles.

(**Meghea** and Roman) 2020 – 2022 Role: PI

*Pay for Success Strong Beginnings: Care Improvement for Medicaid-insured African American and Latina Women*

Michigan Department of Health and Human Services. $1,189,730

The purpose is to to better understand maternal health conditions, service utilization, including behavioral health utilization, and patient and provider perceptions of current services; and to design, field test, and refine innovative community/clinical strategies to improve the quality and safety of care. We will address preventable causes of maternal morbidity/mortality and focus on the reduction of perinatal disparities.

R21TW010896-02S1 (**Meghea**) 2019 – 2020 Role: PI

NIH. $76,344

*Ethical considerations related to E-cigarette use for pregnancy smoking cessation.*

This supplement adds a bioethics component to the parent award in which bioethics was not the focus. The objectives of this proposed supplement are to (1) Identify ethical concerns and associated attitudes and perceptions related to e-cigarette use for tobacco cessation during pregnancy among relevant stakeholders, and (2) Continue building build mHealth research capacity in Romania.

R21TW010896-02S2 (**Meghea**) 2019 – 2020 Role: PI

NIH. $47,276

*Supplement: Mobile health intervention for family smoking cessation in Romania.*

The supplement’s aims are to (1) Identify and test strategies to increase engagement and retention in the Smoke Free Together app developed and tested in the parent project; (2) Continue to develop mHealth research capacity by enhancing individual and institutional research capabilities in Romania and expanding the existing international re-search network.

(Ilardo) 2018 – 2020 Role: Co-I

*Caring for Patients with Chronic Conditions Project (CPCC): Integrating Internal Medicine Practice and Community-based Services for Older Adults with Chronic Conditions*

Michigan Health Endowment Fund. $499,957

The purpose of the project is to integrate community-based services and internal medicine practices to improve care and outcomes for older adults.

R21TWO10896 (**Meghea**) 2017 – 2020 Role: PI

*Mobile health intervention for family smoking cessation in Romania*

NIH. $220,848

The aims are to (1) Test the implementation feasibility, acceptability, and initial efficacy of a culturally-adapted mHealth smoking cessation intervention among couples during pregnancy and postpartum in Romania; and (2) Develop mHealth research capacity by enhancing individual and institutional research capabilities in Romania and expanding the existing international research network.

(Roman) 2017 – 2025 Role: Co-I

*PAY FOR SUCCESS - Strong Beginnings*

Michigan Department of Health and Human Services and Spectrum Health. $7,200,000 (MSU $663,840)

The project will expand the Healthy Start Strong Beginnings program in Grand Rapids, MI, and will evaluate its success in improving birth outcomes, and other maternal and infant health outcomes.

(Leach and Fawcett) 2017 – 2022 Role: Co-I

*Spectrum Health – MSU Alliance Coropration*

Michigan State University and Spectrum Health. $1,000,000

The Alliance Corporation awarded funding to further the team’s research to support and benefit the communities servced by MSU and Spectrum Health

U54 MD011227 (Furr-Holden) 2016 – 2021 Role: Co-I

*The Flint Center for Health Equity Solutions*

NIH. $15,227,394

The Flint Center for Health Equity Solutions (FCHES) is a National Institute on Minority Health and Health Disparities (NIMHD)-funded Transdisciplinary Collaborative Center (TCC) for health disparities research on chronic disease prevention that is specifically focused on Flint with broader implications from the work we do across the state and the nation.

#### **Pending**

R01 (Foley, Nadasan, Urban) 2021 – 2026 Role: Co-I

NIH.

*A Smoking PRevention Effectiveness-Implementation Trial in Eastern Europe: The SPREE-ASPIRE Study*

A multinational team from the U.S. (Foley), Romania (Nadasan), and Hungary (Urban) will lead the

ASPIRE-CEE Study, an Adolescent Smoking Prevention Effectiveness-Implementation Trial to reduce smoking initiation and disparities in Central and Eastern Europe.

R01 (Hirko) 2021 – 2026 Role: Co-I

NIH. $1,228,500

*In-home screening for colorectal cancer in rural areas*

The objective of this proposal is to identify preferences and compare completion rates across at-home CRC screening modalities among rural screening-eligible adults. The central hypothesis is that rural adults will be more likely to complete at-home CRC screening when multiple options are presented.

To inform implementation of mailed CRC screening programs in rural settings, we will also assess cost effectiveness of this screening choice intervention.

(Furr-Holden) 2020 – 2023 Role: Co-I

Michigan Department of Health and Human Services. $9,999,999

*The Michigan Network to Innovate for COVID-19 Equity (MNICE)*

The Michigan Network to Innovate for COVID-19 Equity (MNICE) was formed in partnership by the Michigan State University, the Michigan Public Health Institute, the Michigan Office on Minority Health and the Community Foundation of Greater Flint. This goal of this initiative is to build a network of national, state/territorial/tribal and local organizations to mitigate the impact of COVID-19 on racial and ethnic minority, rural and socially vulnerable populations

**Completed**

PN-III-P4-ID-PCE-2016-0632 (**Meghea**) 2017 – 2019 Role – PI

An mHealth Intervention to Prevent Smoking Relapse After Birth

Executive Agency for Higher Education, Research, Development, and Innovation Funding – Romania. $224,079

The purpose is to adapt and test the implementation, feasibility and efficacy of a pregnancy and postnatal smoking relapse prevention mHealth intervention in a pilot randomized controlled trial.

K01TW009654 (**Meghea**) 2014 – 2020 Role: PI

Family Smoking Cessation in Romania Using Pregnancy as a Window of Opportunity.

NIH / Fogarty International Center. $701,454

The purpose is to adapt, enhance, and test the implementation feasibility and initial efficacy, in Romania, of an evidence-based pregnancy and postnatal couple intervention for smoking cessation.

(VanderMeulen) 2014 – 2019 Role: Co-I

*Strong Beginnings*

Federal Healthy Start HRSA/Maternal and Child Health Bureau, Spectrum Health (fiduciary). $1,200,000. (MSU $144,998)

The project continues the program of research to investigate outcomes associated with a new Healthy Start federal model.

R18 HS020208 (Roman) 2012- 2018 Role: Co-I

*Demonstration of a Community System of Care for Medicaid-insured Pregnant Women*

AHRQ. $2,464,287

The major goal of the project is to redesign, implement, test and disseminate a community Perinatal System of Care that will improve 1) population risk screening, early access to care, care coordination, and utilization of services; 2) cost efficiency; and 3) health outcomes in Medicaid insured pregnant women and their infants.

## (Meghea, Roman) 2016 - 2017 Role: Co-PI

## *Maternal Infant Health Program Quasi-Experimental Evaluation*

## Michigan Department of Health and Human Services. $139,811

## The overall purpose of the project was to evaluate the effectiveness of the Maternal and Infant Health Program in Michigan in improving infant and mother health outcomes.

## (Meghea, Roman) 2015 - 2016 Role: Co-PI

## *Maternal Infant Health Program Quasi-Experimental Evaluation*

## Michigan Department of Health and Human Services. $125,548

Continued the program of research on the MIHP effectiveness in partnership with the Michigan Department of Health and Huamn Services

## (Meghea, Roman) 2014 - 2015 Role: Co-PI

## *Maternal Infant Health Program Quasi-Experimental Evaluation*

## Michigan Department of Health and Human Services. $108,135

Quasi-experimental analyses of MIHP effectiveness, including unexplored care and health outcomes, program fidelity, and cost-benefit analyses; and explore the early effects of the 2014 Medicaid expansion on low income pregnant women and MIHP participation.

PNII-RU-TE-2012-3-0209 **(Meghea)** 2013- 2016 Role: PI

*Postnatal smoking relapse, its associated risk factors, and a proactive sustainable preventive intervention*

Executive Agency for Higher Education, Research, Development, and Innovation Funding – Romania. $253,011

The purpose was to design and implement a randomized controlled trial intervention to prevent smoking relapse in a sample of Romanian new mothers who smoked and quit early during pregnancy.

## (Meghea, Roman) 2013 - 2014 Role: Co-PI

## *Maternal Infant Health Program Quasi-Experimental Evaluation*

## Michigan Department of Health and Human Services. $102,779

The purpose was to investigate MIHP effectiveness in specific subpopulations of interest (e.g. depression); and construct more refined MIHP measures to account for timing, dosage, and service content, and account for screened prenatal risks.

## (Corser, Given) 2013 Role: Co-I

## *Medicaid Health Information Technology Resource Center*

Michigan Department of Health and Human Services. $882,089

## (Meghea, Roman) 2012 - 2013 Role: Co-PI

## *Maternal Infant Health Program Quasi-Experimental Evaluation*

## Michigan Department of Health and Human Services. $96,603

## Analyzed the impacts of Maternal Infant Health program (MIHP) on birth outcomes, MIHP program timing and dosage, and racial/ethnic disparities; expand study of mother and infant health service utilization care.

## (Bragg) 2011-2013 Role: Co-I

## *Medicaid Health Information Technology Resource Center*

Michigan Department of Health and Human Services. $817,720

(Vander Meulen) 2011 – 2016 Role: Co-I

*Strong Families, Healthy Families – Strong Beginning*

W. K. Kellogg Foundation. $5,482,287 (MSU $312,152)

Strong Beginnings addresses racial disparities in birth outcomes and improve infant health. The evaluating team conducted an in-depth analysis of the program’s effectiveness and cost-benefit.

## (Meghea, Roman) 2011 - 2012 Role: Co-PI

## *Maternal Infant Health Program Quasi-Experimental Evaluation*

## Michigan Department of Health and Human Services. $100,328

## Continued the work of the Michigan Families Medicaid Project (MFMP), analyzed the impacts of the MIPH program on maternal and child health care, using quasi-experimental design and propensity scoring matching methods that meet federal standards for home visiting program evaluation.

(Roman) 2010 – 2013 Role: Co-I

*Perinatal Quality Improvement and Research*

Sparrow Health System and Ingham County Health Department. $50,000

A county assessment of maternal risk factors, birth outcomes, enhanced prenatal care participation, and total Medicaid costs for all Medicaid-insured women as a county baseline study for planning and future evaluation of any county-wide service and outcome change.

R01 NR011323 (Williams) 2010- 2015 Role: Co-I

*Kin Keeper: Reducing Disparities through Cancer Literacy and Screening*

NIH/NINR. $2,087,805

The purpose of this randomized trial study was to test the effectiveness of a community based intervention, (Kin KeeperSM Cancer Prevention Intervention) delivered by Black, Latina and Arab community health workers who teach breast and cervical cancer literacy to women and their female family members.

## (Roman, Meghea) 2010 - 2011 Role: Co-PI

## *Michigan Families Medicaid Project*

## Michigan Department of Health and Human Services. $250,821

Conducted a quasi-experimental, propensity matched evaluation of early implementation and effectiveness of the redesigned Michigan Maternal and Infant Health Program (MIHP); an evaluation of community implementation strategies to improve engagement and retention of high risk women in EPS; consultation with the Michigan statewide Healthy Start program evaluation; and sustainability plan for the MFMP Medicaid linked database for extended research use, including maintenance and updating Michigan Medicaid birth and program data on an annual basis.

## (Roman, Meghea) 2009 - 2010 Role: Co-PI

## *Michigan Families Medicaid Project*

## Michigan Department of Health and Human Services. $364,135

Conducted baseline study for evaluation of new MIHP program model; identified community strategies to increase population risk screening, improve engagement, timing and distribution of MIHP services; developed a plan for a community-based informatics infrastructure to support coordination of care.

**(Meghea)** 2008- 2010 Role: PI

*Maternal and Child Health in Romania: a study on smoking during pregnancy, depression, stress, other risk factors, and a smoking cessation intervention*

Executive Agency for Higher Education, Research, Development, and Innovation Funding – Romania. $205,123

The project assessed smoking during pregnancy in Romania, correlated risk factors, and tested a brief smoking cessation intervention

## (Roman, Meghea) 2008 - 2009 Role: Co-PI

## *Michigan Families Medicaid Project*

## Michigan Department of Health and Human Services. $405,211

Conducted a qualitative study of MIHP provider’s perceptions of system of care issues and conducted a survey of OB GYN physician’s perceptions of the MIHP program. Led a process improvement event, across multiple community stakeholders in a single community setting, identified factors for low risk screening and assessment, engagement in services, and proposed solutions to initiate and coordinate screening and services. Refined the prenatal risk screener algorithm to inform policy decisions; estimated potential costs associated with recommendations.

**(Meghea)** 2008- 2010 Role: PI

*Effect of Enhanced Home Visiting on Infant Health*

Blue Cross Blue Shield of Michigan Foundation. $46,530

The purpose was to evaluate the advantage of an enhanced prenatal services Medicaid program using nurse-CHW (community-health-worker) home visiting teams in improving child health in a cost effective way

## (Roman, Meghea) 2007 - 2008 Role: Co-PI

## *Michigan Families Medicaid Project*

## Michigan Department of Health and Human Services. $375,460

Developed and evaluated a prenatal risk screener algorithm to determine risk categories, cost of care and birth outcomes by risk categories; developed and pilot tested a postnatal risk screener risk algorithm; and conducted a preliminary study of MIHP participation (timing and dosage) on birth outcomes.

**(Meghea)** 2007- 2009 Role: PI

*Medicare/Medicaid Long Term Care for Dually Eligibles*

Michigan Department of Health and Human Services. $250,311

The project’s major objective was to analyse the dual eligibles in long-term care in Michigan (individuals eligible for both Medicare and Medicaid).

**(Meghea)** 2007 Role: PI

## *Maternal and child health in low-income families*

## Family Research Initiative. Michigan State University. $2,500

## The purpose was to write a white paper on maternal and child health in low-income families.

## (Roman) 2006 - 2007 Role: Co-I

## *Michigan Families Medicaid Project*

## Michigan Department of Health and Human Services. $678,763

Described perinatal risk factors that are most frequently associated with adverse outcomes and/or increased Medicaid costs (classification tree analysis); explored mechanisms that can assist in classifying pregnancies of Medicaid insured women as likely or unlikely to result in poor outcomes; used results to make program recommendations and targets for specialized intervention; conducted studies of mental health and risk behaviour

#### **MEDIA COVERAGE**

2018 Radio France International. Coverage of the book launch, *Dezvoltarea capacității de cercetare în domeniul fumatului în România*. Abram Z, Nadasan V (eds). 2018. University Press. Targu-Mures. Romania.

2018 Radio Mures, Romania Libera (national newspaper) – press conference, book launch: *Dezvoltarea capacității de cercetare în domeniul fumatului în România*. Abram Z, Nadasan V (eds). 2018. University Press. Targu-Mures. Romania.

2018 Digi24, a national TV network: Digi24 interviewed me and the counsellors delivering my NIH-funded smoking cessation intervention in Romania. The interview is part of a weekly health-oriented TV show

2017 Viata Medicala interviewed my research team and me and published an article about my NIH-funded research. Viaţa Medicală is a Romanian weekly medical magazine, publishing medical news, commentaries, and peer-reviewed medical articles.

2016 Antena 1, a national TV network: national TV news coverage of the launch of the “The Economics of Tobacco and Tobacco Taxation in Romania” report at the Palace of Parliament, Bucharest, Romania.

2016 Antena 3, a national TV network: national TV news coverage of the launch of the “The Economics of Tobacco and Tobacco Taxation in Romania” report at the Palace of Parliament, Bucharest, Romania.

2015 [www.healio.com](http://www.healio.com) - Medical news, education and information for physicians and health care practitioners. News story on the article “Statewide Medicaid Enhanced Prenatal Care Programs and Infant Mortality.”

2013 MSU Today. News story on the article “Medicaid Home Visitation and Maternal and Infant Healthcare Utilization.”

2013 MSU Today. News story on the article “Physician awareness of enhanced prenatal services for Medicaid-insured pregnant women”

2011 The Grand Rapids Press. News story on the Strong Beginnings program, with MSU’s College of Human Medicine as partners (Meghea &Roman)

2010 The Engaged Scholar Magazine – Michigan State University. Improving Health Outcomes of Medicaid-Insured Women and Their Babies in Michigan. Story highlighting the Michigan Families Medicaid Project (Meghea, Roman Co-PIs).

#### **PUBLICATIONS**

Publications summary: 1 book chapter, 55 manuscripts (26 as primary author and 8 as senior author), of which 48 in peer-reviewed journals. Close to 700 citations. H-index: 15.

In addition: 12 yearly public policy / government reports for the Michigan Department of Health and Human Services.

Book Chapters

1. Szabo A, Lazar H, Burian H, Bodrogi J, Rogers T, Ciolompea T, Meghea C, Chalupka FJ, Abram Z, Foley KL. Economia și controlul tutunului în România. In: Dezvoltarea capacității de cercetare în domeniul fumatului în România. Abram Z, Nadasan V (eds). 2018. University Press. Targu-Mures. Romania

Peer Reviewed Manuscripts

1. Smart M, Felton J, Meghea CI, Buchalsky Z, Maschino L, Sadler R. Is a school’s neighborhood physical disorder related to its academic outcomes? *Child & Youth Care Forum.* Forthcoming
2. Meghea C.I. 2020. Impact of ENDS use on cigarette smoking frequency and intensity among young adult smokers. JAMA Network Open. Forthcoming
3. Jaber, R., Blaga, O. M., Dascal, M. D., and Meghea, C. I. 2020. Perceived safety of smoking a few cigarettes during pregnancy and provider advice in a sample of pregnant smokers from Romania. *Addiction*, https://doi.org/10.1111/add.15201.
4. Dascal M, Rusu A.,Onisor A., Blaga OM, Miller M., **Meghea CI**. An mHealth intervention to prevent postnatal smoking relapse: the RESPREMO study protocol. 2020. Tobacco Prevention & Cessation. 6(April): 24.
5. Dascal M, Meghea CI, Blaga OM. A Cross-Section Study of Relationship Characteristics and Smoking Cessation During Pregnancy in a Sample of Romanian Pregnant Women. Maternal and Child Health Journal. 2020. https://doi.org/10.1007/s10995-020-02898-3
6. Dascal MD, Meghea C, Dubey P, Baban A. Factors Associated with Moderate to High Nicotine Dependence in a Sample of Pregnant Women from Romania. Romanian Journal of Applied Psychology. 2019. 21 (2), 54-60. DOI: 10.24913/rjap.21.2.03.
7. Ruta F, Voidăzan S, Marginean C, Avram C, Sipos R, Molnar C, Tarcea M, Penzes M, Fogarasi-Grenczer A, Meghea C, Foley KL. Evidence-Based Practices to Promote Tobacco Cessation During Pregnancy in a Sample of Romanian General Practitioners. J Community Health. 2019 Oct 22. doi: 10.1007/s10900-019-00754-2
8. Meghea CI, You Z, Raffo JE, Roman L. A Reexamination of the Effectiveness of a Statewide Home Visiting Program Using a Comprehensive Set of Screened Prenatal Risk Factors. Michigan Journal of Public Health. In press.
9. Foley KL, Ferencz LJ, Meghea CI, Abram Z, Penzes M, Fogarasi-Grenczer A, Schmidt L, Balazs P. Voluntary Home- and Car-Based Rules in Foster Care Settings to Reduce Exposure to Secondhand Smoke: Before and After Romanian National Clean Air Legislation. International Journal of Environmental Research and Public Health. 2018 August 2; 15(8).
10. Meghea CI, Brînzaniuc A, Sidor A, Chereches RM, Mihu D, Iuhas CI, Stamatian F, Caracostea G, Dascal MD, Foley KL, Baban A, Voice TC, Blaga OM. A Couples-Focused Intervention for Smoking Cessation During Pregnancy: The Quit Together Study Protocol. Tobacco Prevention & Cessation. 2018; 4(May): 17.
11. Ford S, Talley C, Meghea CI, Williams KP. Many Moving Parts: Evaluating the Implementation of the Kin KeeperSM Cancer Prevention Intervention. Journal of Community Health Research. 2018; 7(1): 11-17.
12. Brinzaniuc A, Strilciuc A, Blaga OM, Chereches RM, Meghea CI. Smoking and quitting smoking during pregnancy: a qualitative exploration of the socio-cultural context for the development of a couple-based smoking cessation intervention in Romania. Tobacco Prevention & Cessation. 2018; 4(March): 9
13. **Meghea CI,** Brinzaniuc A, Rus IA, Chereches RM, Mihu D, Iuhas CI, Stamatian F, Caracostea G, Blaga OM. Characteristics of Romanian women who enrolled in a postpartum tobacco smoking relapse prevention trial. Public Health. 2018 Jan;154:98-101. Epub 2017 Dec 22.
14. Yang L, **Meghea CI,** Bell LD, Estes T, Williams KP. Coordination and Data Management of a Community-Based Participatory Research (CBPR): Experiences from the Kin KeeperSM Randomized Controlled Trial. J J Commun Med. 2017, 3(1): 028.
15. Williams KP, Ford S, Meghea CI. Cultural Connections: the Key to Retention of Black, Latina, and Arab Women in the KinKeeperSM Cancer Prevention Intervention Studies. *Journal of Cancer Education.* 2016 Sep; 31(3):522-8.
16. Roman LA, Zambrana RE, Ford S, **Meghea CI**, Williams KP. Casting a Wider Net: Engaging Community Health Worker Clients and Their Families in Cancer Prevention. *Preventing Chronic Disease*. 2016 Sep 15;13:E130.
17. Meghea CI, You Z, Corser W. Electronic Medical Record Adoption and Care and Health among Medicaid-Eligible Pregnant Women and Their Infants in Michigan. *Maternal and Child Health Journal.* 2016 Apr;20(4):819-26
18. Meghea CI, You Z, Roman LA. A Statewide Medicaid Enhanced Prenatal and Postnatal Care Program and Infant Injuries. *Maternal and Child Health Journal.* 2015 Oct. 19(10):2119-27
19. Meghea CI, You Z, Raffo JE, Leach RL, Roman LA. Statewide Medicaid Enhanced Prenatal Care Programs and Infant Mortality. *Pediatrics*. 2015 Aug; 136(2):334-42.
20. Meghea CI, Brinzaniuc A, Mihu D, Iuhas CI, Stamatian F, Caracostea G, Sidor A, Alexa PM, Branza C, Pop OM, Chereches RM. A Couples Intervention to Prevent Postnatal Smoking Relapse: PRISM study design. *Contemporary Clinical Trials*. 2015 Mar. 41:273-279.
21. Zambrana R, Meghea CI, Talley C, Hammad A, Lockett M, Williams KP. Association between Family Communication and Cancer Health Literacy among Underserved Racial Ethnic Women. *Journal of Health Care for Poor and Underserved*. 2015. 26(2):391-405.
22. Meghea CI, Williams KP. Aligning Cost Assessment with Community-Based Participatory Research: The Kin KeeperSM Intervention. *Health Education & Behavior*. 2015;42(2):148-52.
23. **Meghea CI**, Raffo JE, VanderMeulen P, Roman LA. Moving Towards Evidence-Based Federal Healthy Start Program Evaluations: Accounting for Bias in Birth Outcomes Studies. *American Journal of Public Health.* 2014. 104(S1): S25-S27.
24. Roman LA, Raffo JE, Zhu Q, Meghea CI. A Statewide Medicaid Enhanced Prenatal Care Program: Impact on Birth Outcomes. *JAMA Pediatrics*. 2014. 168(3): 220-227.
25. Meghea CI, Corser W. Health Service Use and Expenditure Patterns of Dual Eligibles in Michigan. Michigan Journal of Public Health. 2014. 7(1): 24-44.
26. Meghea CI, Rus IA, Chereches RM, Costin N, Caracostea G, Branzaniuc A. Maternal smoking during pregnancy and birth outcomes in a sample of Romanian women. *Central European Journal of Public Health.* 2014. 22(3): 153-158.
27. Raffo JE, Gary M, Forde GK, **Meghea CI**, Roman LA. Physician awareness of enhanced prenatal services for Medicaid-insured pregnant women. *Journal of Public Health Management & Practice.* 2014. 20(2): 236-239.
28. Ford S, **Meghea CI**, Estes T, Hamade H, Lockett M, Williams KP. Kin KeeperSM Prevention Intervention: An Evaluation of Intervention Fidelity in African American, Latina, and Arab Women. *Health Education Research.* 2014. 29(1): 158-165.
29. Roman LA, Estes T, Hamade H, Penner L, Meghea CI, Williams KP. Individual, provider and system risk factors for breast and cervical cancer among underserved Black, Latina, and Arab women. *Journal of Women’s Health*. 2014. 23(1):57-64.
30. **Meghea CI**, Raffo JE, Zhu Q, Roman LA. Medicaid Home Visitation and Maternal and Infant Healthcare Utilization. *American Journal of Preventive Medicine.* 2013. 45(4): 441-447.
31. Williams KP, Roman LA, **Meghea CI**, Penner L, Hammad A, Gardiner J. Kin KeeperSM: Design and Baseline Characteristics of a Community-Based Randomized Controlled Trial Promoting Cancer Screening in Black, Latina, and Arab Women. *Contemporary Clinical Trials*. 2013. 34(2): 312-319
32. **Meghea CI**, Li B, Zhu Q, Raffo JE, Lindsay J, Moore JS, Roman LA. Infant Health Effects of A Nurse - Community Health Worker Home Visitation Program: A Randomized Controlled Trial. *Child: Care, Health and Development.*  2013; 39(1):27-35
33. **Meghea CI**, Rus IA, Rus D. Risk Factors Associated With Nicotine Dependence In A Sample Of Romanian Pregnant Smokers. *European Journal of Obstetrics & Gynecology and Reproductive Biology.* 2012. 163(1):22-6.
34. Roman LA, Raffo JE, **Meghea CI**. Maternal perceptions of help from home visits by nurse-community health worker teams. *American Journal of Public Health*. 2012. 102(4): 643-645
35. **Meghea CI**, Rus D, Rus IA, Holtrop Summers J, Roman LA. Smoking During Pregnancy And Associated Risk Factors In A Sample Of Romanian Women. *European Journal of Public Health.* 2012. 22(2):229-33
36. **Meghea CI**, Rus D, Dirle IA. Characteristics and Health Behaviours of Pregnant Women in Romania. *Gineco.ro.* 2010. 6(21): 166-171
37. Raffo JE, Roman LA, **Meghea CI**, Zhu Q. Psychological And Physical Abuse Among Pregnant Women In A Medicaid-Sponsored Prenatal Program. *Public Health Nursing.* 2010. 27(5): 385-398.
38. Holtrop JS, **Meghea CI**, Raffo JE, Biery HL, Chartkoff SB, Roman LA. Smoking Among Pregnant Women With Medicaid Insurance: Are Mental Health Factors Related? *Maternal and Child Health Journal.* 2010. 14(6):971-77
39. Sunshine JH, Hughes DR, Meghea CI, Bhargavan M. What Factors Affect the Productivity and Efficiency of Physician Practices? *Medical Care.* 2010. 48(2):110-7.
40. Roman LA, Meghea CI, Raffo JE, Biery HL, Chartkoff SB, Zhu Q, Moran SM, Summerfelt WT. Who Participates in State Sponsored Medicaid Enhanced Prenatal Services? *Maternal and Child Health Journal.* 2010. 14(1): 110-120.
41. Nayak NR, Meghea CI, Bhargavan M, Forman HP, Sunshine JH. Prevalence of Productivity-Enhancing Technologies in Radiology. *American Journal of Roentgenology.* 2008. 190: 1445 - 1452
42. Meghea CI, Sunshine JH. Determinants of Radiologist's Desired Workload. *Journal of American College of Radiology.* 2007. 4(3): 166-170
43. Ebbert TL, Meghea CI, Iturbe S, Forman HP, Bhargavan M, Sunshine JH. The State of Teleradiology in 2003 and Changes since 1999. *American Journal of Roentgenology.*  2007. 188: W103-W112.
44. Meghea CI, Sunshine JH. Retirement Patterns and Plans of Radiologists. *American Journal of Roentgenology.* 2006. 187(6):1405-1411.
45. Sunshine JH, Meghea CI. How Could the Radiologist Shortage Have Eased? *American Journal of Roentgenology*. 2006. 187: 1160-1165.
46. Fleishon HB, Bhargavan M, Meghea CI. Radiologists’ Reading Times Using PACS and Using Films: One Practice’s Experience. *Academic Radiology.* 2006. 13(4): 453-460.
47. Meghea CI, Sunshine JH. How Much Do Radiologists and Radiation Oncologists Specialize? *Journal of the American College of Radiology.* 2005. 2(11): 906-913
48. Meghea CI, Sunshine JH. Who’s Overworked and Who’s Underworked Among Radiologists. An update on the radiologist shortage. *Radiology*. 2005;236(3):932-938.

Published Manuscripts Not Peer-Reviewed

1. Roman LA, Luo Z, **Meghea C**, VanderMeulen P, Fawcett K, Leach R. Preterm Birth among African American Women in a Federal Healthy Start Program: Informing Pay for Success. Obstetrics & Gynecology. 2018;131:111S
2. **Meghea, CI.** Motivații pentru renunțarea la fumat în timpul sarcinii (Motivations to quit smoking during pregnancy). Viaţa Medicală. 48 (1454). December 2017.
3. Szabó A, Lázár E, Burián H, Rogers T, Foley K, Ábrám Z, **Meghea C**, Ciolompea T, Chaloupka FJ. The Economics of Tobacco and Tobacco Taxation in Romania. Tîrgu Mureş, Romania: University of Medicine and Pharmacy of Tîrgu Mureş. November 2016. <https://tobacconomics.org/research/the-economics-of-tobacco-and-tobacco-taxation-in-romania/>
4. **Meghea CI**, Blaga OM, Chereches RM, Rus IA, Brinzaniuc A, Vasilescu L. Eficacitatea de cuplu în renunțarea la fumat (Dyadic efficacy in smoking cessation). Viaţa Medicală. 34 (1388). August, 2016.
5. **Meghea, CI**, Blaga OM. Interzicerea fumatului și industria ospitalieră (Banning smoking and the hospitality industry). Viaţa Medicală. 51-52 (1353-1354). 2015.
6. Peters C, McKane P., Meghea CI. Michigan Department of Community Health. “Return on Investment: Cost Savings to Medicaid from Maternal Infant Health Program due to Reduction in Preterm Birth Rate.” *ROI Fact Sheet Series.* Volume 1, Issue X. 2014.
7. **Meghea CI**, Roman LA, Biery L, Summers JS. Maternal and Child Health in Low Income Families. New Directions in Family Research (Whitten PS, Bokemeier JL, Fizgerald HE, eds.), Michigan State University Family Research Initiative. 2008.

**Manuscripts Under Review**

1. Roman LA, Raffo JE, Strutz KL, Luo Z, Johnson M, Vander Meulen P, Henning S, Baker D, Titcombe C, Meghea CI. A Population-based Systems Approach to Improve Care for Medicaid-insured Pregnant Women. Obstetrics and Gynecology
2. Blaga OM, Fratila T, Meghea CI. Using behavioural nudges to engage pregnant women in a smoking cessation trial: An online field quasi-experiment. Healthcare
3. Ellington R, Barajas,C, Drahota A, Scott J.B., Meghea CI, Uphold H., Furr-Holden. An Evaluation Framework of a Transdisciplinary Collaborative Center for Health Equity Research. *American Journal of Evaluation*. Revise and Resubmit.
4. Raffo J, Titcombe C, Henning S, Meghea CI, Strutz K, Roman LA. Clinical-Community Linkages: The Impact of Standard Care Processes to Engage Medicaid-Eligible Pregnant Women in Home Visiting. Women’s Health Issues.
5. Hostina A, Blaga O.M., Bucevschi M, Meghea CI. Co-designing an mHealth intervention to prevent smoking relapse after birth. Review of Research and Social Intervention
6. Strutz K, Luo Z, Raffo JE, Meghea CI, Vander Meulen, P, Roman LA. Determining county-level counterfactuals for evaluation of population health interventions: A novel application of K-means cluster analysis. Public Health Reports.

**Public Policy/Government Reports for the Michigan Department of Community Health**

1. **Meghea CI**, Roman LA, Strutz, Ford S, Yuan S, Raffo J. MIHP Population Reach and Engagement, the Relationship between Risk, Service Dosage, and Health Outcomes, and Implications for Service Delivery. Maternal Infant Health Program Quasi-Experimental Evaluation yearly report. (November 2017)
2. **Meghea CI**, Roman LA, Ford S, Yuan S, Raffo JE, Levendosky A, Bogat A, Lonstein J. Medicaid, Pregnancy, Postpartum, and the Michigan Maternal Infant Health Program: A Population-Based Perspective. Maternal Infant Health Program Quasi-Experimental Evaluation yearly report. (November 2016).
3. **Meghea CI**, Roman LA, Ford S, You Z, Yuan S, Raffo JE. A Population-Based Evaluation of the Michigan Maternal Infant Health Program. Maternal Infant Health Program Quasi-Experimental Evaluation yearly report. (November 2015).
4. **Meghea CI**, Roman LA, You Z, Raffo JE. A Quasi-Experimental Population-Based Evaluation of the Michigan Maternal Infant Health Program. Maternal Infant Health Program Quasi-Experimental Evaluation yearly report. (November 2014).
5. **Meghea CI**, Roman LA, Duncan-Jackson S, Darling D, Zhu Q, You Z. A Quasi-Experimental Population-Based Evaluation of the Michigan Maternal Infant Health Program. Maternal Infant Health Program Quasi-Experimental Evaluation yearly report. (November 2013).
6. **Meghea CI**, Roman LA, Duncan-Jackson S, Raffo JE, Darling D, Zhu Q. A Quasi-Experimental Population-Based Evaluation of the Michigan Maternal Infant Health Program. Maternal Infant Health Program Quasi-Experimental Evaluation yearly report. (November 2012).
7. Roman, L.A., **Meghea C.I.,** Raffo J.E., & Zhu, Q. Michigan Families Medicaid Project Year 8 Final Report. East Lansing: Michigan State University, Institute for Health Policy and Department of Obstetrics, Gynecology and Reproductive Biology. (November 2011).
8. Roman, L.A., **Meghea C.I.,** Raffo J.E., & Zhu, Q. Michigan Families Medicaid Project Year 7 Final Report. East Lansing: Michigan State University, Institute for Health Policy and Department of Obstetrics, Gynecology and Reproductive Biology. (November 2010).
9. Roman, L.A., **Meghea C.I.,** Raffo J.E., & Zhu, Q. Michigan Families Medicaid Project Year 6 Final Report. East Lansing: Michigan State University, Institute for Health Policy and Department of Obstetrics, Gynecology and Reproductive Biology. (November 2009).
10. Roman, L.A., **Meghea C.I.,** Raffo J.E., & Zhu, Q. Michigan Families Medicaid Project Year 5 Final Report. East Lansing: Michigan State University, Institute for Health Policy and Department of Obstetrics, Gynecology and Reproductive Biology. (November 2008).
11. Roman, L.A., Raffo, J.E., **Meghea, C.I.,** Berkowitz, S., & Zhu, Q. Michigan Families Medicaid Project Year 4 Final Report. East Lansing: Michigan State University, Institute for Health Policy and Department of Obstetrics, Gynecology and Reproductive Biology. (November 2007).

**PRESENTATIONS**

**Invited Presentations**

1. Meghea, CI. Prenatal maternal smoking, pregnancy as a window of opportunity for sustained smoking cessation, and the role of the life partners. Keynote speaker, ICONIC Conference. May 2017. Cluj-Napoca, Romania
2. Meghea, CI. Using the pregnancy as a window of opportunity to improve family health. Wayne State University, Merrill Palmer Skillman Institute seminar series. January 2016. Detroit, MI
3. Meghea, CI. Smoking during and around pregnancy and its effects on mother, pregnancy, and the newborn. National Perinatal Medicine Congress. May 2016. Bucharest, Romania
4. Meghea, CI. Smoking Cessation During and Around Pregnancy: Past, Present, and Future Research in Romania. Keynote speaker, ICONIC Conference. May 2015. Cluj-Napoca, Romania

**Conference Presentations**

1. Ilardo J, Zell A, Olomu A, **Meghea CI**, Rayamajhi S. Training Internal Medicine Residents to Use Non-Medical Supports and Services in Care Plans. Gerontological Society of America Annual Meeting. November 2020. Philadelphia, PA
2. Ilardo J, Zell A, Olomu A, **Meghea CI**, Rayamajhi S. Training Medical Residents to Address Social Determinants of Health for Better Health Outcomes. Gerontological Society of America Annual Meeting. November 2020. Philadelphia, PA
3. Resnicow K, **Meghea CI,** Carter P, Woolford S, Moon J. The Role of Dyadic Support and Geographical Positioning Systems in eHealth Interventions. Society for Behavioural Medicine Annual Conference. April 2020. San Francisco, CA.
4. **Meghea CI**, Blaga OM, Bandici RA, Dascăl MD. Preliminary efficacy of the quit together couple focused pregnancy smoking cessation intervention in Romania. Society for Research on Nicotine and Tobacco. March 2020. New Orleans, LA.
5. Berger MF, Dascăl MD, **Meghea CI**. Emotional health factors associated with smoking cessation in a sample of Romanian pregnant women. Society for Research on Nicotine and Tobacco. March 2020. New Orleans, LA.
6. Frățilă T., Blaga O.M., Onisor A, Bratulescu I, **Meghea CI.** Stay quit together – follow-up feasibility and biochemical verification in a postnatal smoking relapse prevention intervention. Society for Research on Nicotine and Tobacco - Europe. September 2019. Oslo, Norway.
7. Dascăl MD, Hoștină A, **Meghea CI**. Smoke-free together: an mHealth smoking cessation intervention during pregnancy and postpartum. Society for Research on Nicotine and Tobacco - Europe. September 2019. Oslo, Norway.
8. Bandici RA, Dascăl MD, Blaga OM, **Meghea CI**. Beliefs about tobacco and e-cigarettes among women who smoked and quit tobacco during pregnancy. Society for Research on Nicotine and Tobacco - Europe. September 2019. Oslo, Norway.
9. Dascăl M, Blaga O, **Meghea CI,** Baban A. Factors associated with moderate to high nicotine dependence in a sample of Romanian pregnant women. European Network for Smoking and Tobacco Prevention. April 2019. Bucharest, Romania
10. **Meghea CI**, Dascăl M, Fratila TD, Blaga OM. Preliminary feasibility and acceptability of the Quit Together couple focused pregnancy smoking cessation intervention in Romania. Society for Research on Nicotine and Tobacco. February 2019. San Francisco, CA.
11. Fratila TD, Bratulescu I**, Meghea CI**, Blaga OM. Qualitative formative research for a couple-focused pregnancy smoking cessation app. Society for Research on Nicotine and Tobacco. February 2019. San Francisco, CA.
12. Hoștină A, Blaga OM, **Meghea CI**, Dascăl M. Preliminary feasibility and acceptability of StayQuitTogether-a smoking relapse prevention intervention. Society for Research on Nicotine and Tobacco. February 2019. San Francisco, CA.
13. Blaga O.M., **Meghea C.I.**, Teodora Frățilă. Using behavioural economics to engage pregnant women in a smoking cessation trial – An online field experiment. 18th Annual Meeting of the European Society for Research on Nicotine and Tobacco. September 2018. Munich, Germany.
14. Hoștină A., **Meghea C.I.**, Blaga O.M., Bucevschi M. Use of a visually built platform to deliver mHealth interventions: A case study on the use of the TextIt platform to deliver SMSs to prevent smoking relapse after birth. 18th Annual Meeting of the European Society for Research on Nicotine and Tobacco. September 2018. Munich, Germany.
15. Frățilă T., Blaga O.M., **Meghea C.I.** A mixed dissemination strategy for engagement of pregnant women in a smoking cessation randomized controlled trial. 18th Annual Meeting of the European Society for Research on Nicotine and Tobacco. September 2018. Munich, Germany.
16. Dascăl M, Meghea C.I,, Blaga O.M. Predictors of smoking during pregnancy in a sample of Romanian pregnant women. 18th Annual Meeting of the Society for Research on Nicotine and Tobacco – Europe. September 2018, Munich, Germany
17. Bratulescu I, Blaga O.M., **Meghea C.I.** Use of e-cigarettes among Romanian smoker and ex-smoker pregnant women. 18th Annual Meeting of the Society for Research on Nicotine and Tobacco - Europe. September 2018, Munich, Germany.
18. Bucevschi M., **Meghea C.I.**., Blaga O.M., Hoștină A. Risk factors for postnatal smoking relapse among Romanian women. 3rd International Conference of the European Network for Smoking and Tobacco Prevention. June 2018. Madrid, Spain.
19. Hoștină A., **Meghea C.I.**, Blaga O.M., Bucevschi M. Pre-testing mHealth interventions: a case report. 3rd International Conference of the European Network for Smoking and Tobacco Prevention. June 2018. Madrid, Spain.
20. **Meghea C.I.**, Brinzaniuc A., Stamatian F., Mihu D., Caracostea A., Iuhas C., Rus I., Cherecheș R., Blaga O.M. Quit Together: a smoking cessation intervention using pregnancy as a window of opportunity. 3rd International Conference of the European Network for Smoking and Tobacco Prevention. June 2018. Madrid, Spain.
21. **Meghea C.I.**, Brinzaniuc A., Chereches RM., Blaga O.M. Smoking and quitting during pregnancy: formative data for the development of a couple-based smoking cessation intervention in Romania. Society for Research on Nicotine and Tobacco. February 2018, Baltimore, MD
22. Brinzaniuc A., Rus I., Chereches RM., Blaga O.M., Mihu D., Iuhas C., **Meghea C.I.** Smoking and quitting smoking during pregnancy: a qualitative exploration of the socio-cultural context for the development of a couple-based smoking cessation intervention in Romania. Society for Research on Nicotine and Tobacco. February 2018, Baltimore, MD
23. Dascal M., Blaga O.M., **Meghea C.I.** Online recruitment pregnant smokers for a couple smoking cessation trial conducted in an Eastern European country. Society for Research on Nicotine and Tobacco. February 2018, Baltimore, MD
24. Dascal M, **Meghea C.I.,** Blaga O.M.. Online enrollment in public health interventions: Lessons learnt from a smoking cessation trial. Transylvanian International Conference in Public Administration. November 2017. Cluj-Napoca, Romania.
25. Blaga OM, **Meghea CI**. Survey data on pregnant smokers and ex-smokers to inform a smoking cessation intervention. International Conference on Non-Communicable Diseases – ICONIC. Cluj-Napoca, Romania. May 2017.
26. Brinzaniuc A, **Meghea C.I.** Culturally adapting a smoking cessation intervention during pregnancy - a qualitative approach. International Conference on Non-Communicable Diseases – ICONIC. Cluj-Napoca, Romania. May 2017.
27. Sidor A, **Meghea CI.** A partnership with trained counselors to develop a smoking cessation intervention during pregnancy. International Conference on Non-Communicable Diseases – ICONIC. Cluj-Napoca, Romania. May 2017.
28. Dascal M, **Meghea C.I.,** Blaga O.M.. To what extent do health professionals offer brief advice regarding smoking cessation to pregnant women? International Conference on Non-Communicable Diseases – ICONIC. Cluj-Napoca, Romania. May 2017.
29. **Meghea C.I.**., Blaga O.M., Rus I.A., Chereches R.M., Brinzaniuc A. PRISM: A Couple-Focused Intervention to Prevent Postnatal Smoking Relapse in Romania. Society for Research on Nicotine and Tobacco. March 2017, Florence, Italy.
30. Brinzaniuc A, Strilciuc A, Blaga OM, Chereches RM, **Meghea C.I.** The experience of smoking cessation in pregnant women: a qualitative exploration of the role of partner dyads in a Romanian population. Society for Research on Nicotine and Tobacco. March 2017, Florence, Italy.
31. Blaga O.M., Brinzaniuc A., Rus I.A., Chereches R.M., **Meghea C.I.** Predictors of postpartum smoking relapse intent in a sample of Romanian women. Society for Research on Nicotine and Tobacco. March 2017, Florence, Italy.
32. **Meghea C.I.**, Blaga O.M, Rus I.A., Chereches R.M., Brinzaniuc A. Dyadic efficacy for smoking cessation in a sample of Romanian couples. European Public health Conference. November 2016. Vienna, Austria.
33. **Meghea C.I.,** Brînzaniuc A, Sidor A, Chereches RM, Mihu D, Iuhas CI, Stamatian F, Caracostea G, Dascal MD, Foley KL, Baban A, Voice TC, Blaga OM. Family smoking cessation in Romania using pregnancy as a window of opportunity. European Public health Conference. November 2016. Vienna, Austria.
34. **Meghea C.I.**, Brînzaniuc A, Sidor A, Chereches RM, Mihu D, Iuhas CI, Stamatian F, Caracostea G, Dascal MD, Foley KL, Baban A, Voice TC, Blaga OM. Family Smoking Cessation in Romania Using Pregnancy as a Window of Opportunity. Society for Research on Nicotine and Tobacco – Europe. September 2016. Prague, Czech Republic.
35. Blaga O.M., Brinzaniuc A., Rus I.A., Chereches R.M., **Meghea C.I.** Postpartum smoking abstinence self-efficacy and partner supportive behaviours. Society for Research on Nicotine and Tobacco – Europe. September 2016. Prague, Czech Republic.
36. **Meghea C.I.**, Blaga O.M, Rus I.A., Chereches R.M., Brinzaniuc A. Dyadic efficacy for smoking cessation in a sample of Romanian couples. Society for Research on Nicotine and Tobacco – Europe. September 2016. Prague, Czech Republic.
37. **Meghea C.I.**, Blaga O.M., Chereches R.M., Rus I.A., Brinzaniuc A. Predictors of postnatal smoking relapse intent in a sample of Romanian couples. Society for Research on Nicotine and Tobacco – Europe. September 2016. Prague, Czech Republic.
38. **Meghea CI**, You Z, Raffo JE, Roman LA. The Maternal and Infant Health Program (MIHP): Impact on infant mortality. International Health Economics Association – World Congress. July 2015. Milan, Italy.
39. Alexa P, Brinzaniuc A, Pop OM, Sidor A, **Meghea CI**. Using Motivational Interviewing to Support Smoking Cessation and Prevent Smoking Relapse During Pregnancy and After Birth. International Conference on Non-Communicable Diseases – ICONIC. Cluj-Napoca, Romania. May 2015.
40. Roman LA, Raffo JE, Zhu Q, **Meghea CI.** The Maternal and Infant Health Program (MIHP): Impact on birth outcomes. Michigan Epidemiology Conference. March 2015. Ann Arbor, MI
41. **Meghea CI**, You Z, Raffo JE, Roman LA. The Maternal and Infant Health Program (MIHP): Impact on infant mortality. Michigan Epidemiology Conference. March 2015. Ann Arbor, MI
42. **Meghea CI**, Raffo JE, Zhu Q, You Z, Roman LA. The Maternal and Infant Health Program (MIHP): Impact on healthcare utilization and birth outcomes. Michigan Premier Public Health Conference. October 2014. Shanty Creek, Belleaire, MI
43. **Meghea CI**, Raffo JE, VanderMeulen P, Roman LA. Evidence-Based Federal Healthy Start Program Evaluations: Accounting for Bias in Birth Outcomes Studies. 2014 CityMatCH Leadership and MCH Epidemiology Conference. September 2014. Phoenix, AZ.
44. **Meghea CI**, You Z, Raffo JE, Roman LA. Emergency Department Use among Medicaid-Eligible Pregnant Women. 2014 CityMatCH Leadership and MCH Epidemiology Conference, September 2014. Phoenix, AZ.
45. Roman LA, Raffo JE, You Z, **Meghea CI**. Medicaid Home Visitation and Birth Outcomes. 2014 CityMatCH Leadership and MCH Epidemiology Conference, September 2014. Phoenix, AZ.
46. **Meghea CI**, Raffo JE, Zhu Q, You Z, Roman LA. MIHP effects in improving maternal and infant healthcare and birth outcomes. Regional Perinatal Summit. July 2014. Acme, MI. Invited presentation
47. **Meghea CI**, Raffo JE, Zhu Q, You Z, Roman LA. Effects of a Medicaid Home Visiting Perinatal Program on Maternal and Child Health: Who Benefits the Most? 2013 American Public Health Association Annual Meeting. November 2013. Boston, MA.
48. **Meghea CI,** You Z, Roman LA. Effects of a Medicaid Home Visiting Perinatal Program on Infant Injury. 2013 American Public Health Association Annual Meeting. November 2013. Boston, MA.
49. Ford S, **Meghea CI**, Estes T, Hamade H, Lockett M, Williams KP. Treatment fidelity evaluation of the cancer prevention intervention in African American, Latina, and Arab women. Annual Meeting of the American Association for Cancer Research; 2013 Apr 6-10; Washington, DC.
50. Zambrana R, **Meghea CI,** Talley C, Hammad A, Lockett M, Williams KP. The Role of Sociodemographic Factors and Family Communication in Cervical and Breast Cancer Literacy By Race and Ethnicity: The Kin Keeper Trial. 2012 Summit on the Science of Eliminating Health Disparities. December 2012. Washington, DC
51. Roman LA, Estes T, Hamade H, Penner L, **Meghea CI,** Williams KP. Determinants of Cervical and Breast Cancer Screening in an Underserved Diverse Population: The Kin KeeperSM Trial. 2012 Summit on the Science of Eliminating Health Disparities. December 2012. Washington, DC.
52. **Meghea CI**, Rus D, Rus IA, Holtrop Summers J, Roman LA. Smoking during pregnancy in Romania and associated risk factors. European Public Health Association, Lodz, Poland, November 2009 (abstract published in European Journal of Public Health, Vol. 19, Supplement 1, 2009)
53. **Meghea CI**, Rus D, Rus IA, Holtrop Summers J, Roman LA. Smoking during pregnancy and a pilot anti-smoking intervention in Romania. European Public Health Association, Lodz, Poland, November 2009 (abstract published in European Journal of Public Health, Vol. 19, Supplement 1, 2009)
54. **Meghea CI**, Li B, Zhu Q, Raffo JE, Lindsay J, Moore JS, Roman LA. The effect of a nurse - community health worker home visiting program on the health of newborn children. European Conference on Health Economics. Rome, Italy, July 2008.
55. **Meghea CI**, Roman LA. Identifying low-income pregnant women at highest risk using latent class modelling and cluster analysis. European Conference on Health Economics. Rome, Italy, July 2008
56. **Meghea CI**, Li B, Zhu Q, Raffo JE, Lindsay J, Moore JS, Roman LA. The effect of a nurse - community health worker home visiting program on the health of newborn children? American Public Health Association, annual conference. Washington, DC, November 2007.
57. Holtrop JS, **Meghea CI**, Raffo JE, Biery HL, Chartkoff SB, Roman LA. Stress, Depression, and Smoking Cessation among Pregnant Women with Medicaid Insurance. American Public Health Association, annual conference. Washington, DC, November 2007.
58. **Meghea CI**, Li B, Zhu Q, Raffo JE, Lindsay J, Moore JS, Roman LA. The Effect of a Community Health Worker Home Visiting Randomized Trial on the Health of Newborn Children. International Health Economics Association (iHEA), research conference. Copenhagen, Denmark, July 2007.
59. Bhargavan M, **Meghea CI,** Sunshine J. Racial and Ethnic Disparities in Mammography Screening Over the Period 1996 - 2004. American Public Health Association, annual conference. Boston, MA, November 2006.
60. Sunshine JH, Hughes DR, **Meghea CI,** Bhargavan M. Factors Affecting Physician Productivity in a Proceduralist Specialty, Radiology. American Society of Health Economists, annual research meeting. Madison, WI, June 2006.
61. Sunshine JH, Hughes DR, **Meghea CI,** Bhargavan M Factors Affecting Physician Productivity in a Proceduralist Specialty, Radiology. AcademyHealth, annual research meeting. Seattle, WA, June 2006.
62. **Meghea CI.** Social Security and Elderly Mortality. AcademyHealth, annual research meeting. Seattle, WA, June 2006.
63. Bhargavan M, **Meghea CI,** Sunshine J. Racial and Ethnic Disparities in Mammography Screening Over the Period 1996 - 2004. AcademyHealth, annual research meeting. Seattle, WA, June 2006.
64. **Meghea CI.** Social Security and Elderly Mortality. American Public Health Association, annual conference. Philadelphia, PA, December 2005
65. **Meghea CI,** Sunshine JH.Who’s Overworked and Who’s Underworked Among Radiologists. International Health Economics Association (iHEA), research conference. Barcelona, Spain, July 2005.
66. **Meghea CI,** Sunshine JH.Who’s Overworked and Who’s Underworked Among Radiologists. AcademyHealth, annual research meeting. Boston, MA, June 2005.

**INSTRUCTION**

*(I have spent the 2016-2017 academic year on the research site in Romania, to satisfy a requirement of my NIH K01 award. As a result, I was not able to teach courses on the MSU campus during that time)*

**College of Human Medicine: Primary Course/Lecture**

Courses taught 2010 – 2019:

* MCE rotation, Women’s Health Topics: 2017-2019
* MMI – Multiple Mini Interviews: 2014-2018
* HM547 Health Policy - Social Context of Clinical Decisions: 2014, 2015, 2016
* HM547 Health Policy - Social Context of Clinical Decisions, Integrative Module: 2015, 2016
* Clinical Skills, Neuro, Performance Based Assessment: 2010, 2011, 2013
* Clinical Skills, Urinary Tract, Performance Based Assessment: 2012, 2014
* Clinical Skills, Sexual History Taking, Performance Based Assessment: 2012

**Department of Public Health, Babes-Bolyai University, Romania**

* Grant writing. 2016

**Curriculum Development**

* Global Nicotine & Tobacco Foundational Research Certification Program, Society for Research on Nicotine and Tobacco. 2016. Served on Task Force that developed study examples for smoking cessation treatment studies.

**PhD Dissertation Committees**

* Karl Alcover, PhD student, Department of Epidemiology and Biostatistics, College of Human Medicine, Michigan State University. PhD committee member. 2018 graduate

#### Sha Yuan, PhD student, Department of Epidemiology and Biostatistics, College of Human Medicine, Michigan State University. PhD committee member. Since 2017

#### Bethany Lemont, PhD student, Department of Economics, College of Social Science, Michigan State University. PhD committee member. Since 2017

* Carrie Falls, PhD student, Department of Economics, College of Social Science, Michigan State University. PhD committee member. 2007 graduate.

**Other advising and mentoring**

Mentored, advised, and supervised 12 MSU medical students and residents in the College of Human Medicine - CHM. Continuous advising and mentoring contacts with 18 undergraduate and graduate students working on my research teams at Babes-Bolyai University, Romania. 2007 – present.

Output: students were key personnel on 14 funding applications, of which 5 were funded; 2 NIH-funded projects with student subaward PIs; lead, corresponding, or co-authors on 6 published papers, and 2 under review; conference presentations.

Mentored medical students and residents in the College of Human Medicine at MSU. 2006 – present

* McKenzie Miller, CHM. Postpartum prevention trial, co-author paper. SRNT-University tasks. Medicaid-match project 2020.
* Katherine Dertz, CHM, AHRQ project activities, OB Physician and African American Patient Focus groups 2014
* Emma Mead, MS Biostatistics candidate, Grand Valley State University 2014
* Julie Bodwell, CHM, Medicaid-sponsored Enhanced Prenatal Services and Birth Outcomes: Examining a Performance Indicator in a State-wide Population, 2010-2011
* Scott Allen, (Premed) Michigan Families Medicaid Project activities, 2008 (Uniformed Military Services Medical School)
* Linda Murray, CHM, Exploring follow up on abnormal Pap Tests during pregnancy and postpartum, 2007

Resident Research Projects:

* Elizabeth Thomas, MD, Risk factors for unintended pregnancy among Medicaid-insured women, 2010-2011
* Eryn Hart, DO, Effects of maternal obesity on selected birth outcomes in the Michigan Medicaid population, 2009
* Monica Gary (Murray) MD, Michigan Families Medicaid Project activities, 2009, Survey of Physician knowledge and utilization of MIHP programs
* Gareth K. Forde MD, PhD , Michigan Families Medicaid Project activities, 2009, Survey of Physician knowledge and utilization of MIHP programs
* Laamy Tiadjeri MD Treatment and Diagnosis of Ectopic Pregnancy in Medicaid Recipients, and Survey of Physician Knowledge of MIHP programs 2009-2010
* Lydia Wade, MD, Risk Characteristics and Health Care Utilization of Young, Medicaid-Insured Women Who Repeat Pregnancy and Birth as Teens, 2008-2009

Advising and mentoring graduate and undergraduate students on my funded research teams

* Oana Blaga (subaward PI, 2 NIH grants)
* Alexandra Brînzaniuc
* Alexandra Sidor
* Ioana Rus
* Paula Alexa
* Răzvan Bandici
* Marina Dascăl
* Andreea Taran
* Naomi Popovici
* Damaris Demian
* Loredana Dan
* Alexandra Moldovan
* Iulian Brătulescu
* Teodora Frăţilă
* Andreea Hoştină
* Melisa Bucevschi
* Veronica Savu
* Diana Rus

**SERVICE**

**Service to scholarly and professional organizations**

* **Public Health Research Director, SRNT University**. Appointed since October, 2018. SRNT (Society for Research on Nicotine and Tobacco) is the only professional association dedicated exclusively to the support of researchers, academics, treatment professionals, government employees, and the many others working across disciplines in the field of nicotine and tobacco research, with members in more than 40 countries.
* **Panel chair.** Adolescents health behaviors. The International conference on Non-communicable Diseases (ICONiC). May 2017. Cluj-Napoca, Romania.
* **Panel coordinator and chair.** Pregancy as a window of opportunity to reduce exposure to tobacco smoke and other toxins. The International conference on Non-communicable Diseases (ICONiC). May 2017. Cluj-Napoca, Romania.
* **Abstract reviewer. DISCIPLE** – International Student Conference in Public Health. Cluj-Napoca, Romania. 2015 and 2016
* **Member of the Scientific Committee**. iCONIC – International Conference on Non-communicable Diseases. 2015 and 2017

**Grant Review:**

* **Invited grant reviewer**: Maternal and Child Health Bureau, Health Resources and Services Administration (MCHB-HRSA). HRSA-14-007 Maternal and Child Health Research Grant Program review panel. 2013
* **Invited grant reviewer**: Maternal and Child Health Bureau, Health Resources and Services Administration (MCHB-HRSA). HRSA-13-282: Providing Support for the Collaborative Improvement and Innovative Network (CoIIN) to Reduce Infant Mortality. 2013
* **NIH reviewer** in the Early Career Reviewer (ECR) program at the Center for Scientific Review (CSR), National Institutes of Health. Since 2018

**Journal Reviewer:**

* **Ad-hoc reviewer**: JAMA, American Journal of Public Health, American Journal of Preventive Medicine, Pediatrics, Preventive Medicine, European Journal of Public Health, Nicotine and Tobacco Review, Addiction, Journal of Perinatology, BMC Pregnancy and Childbirth, Infant Mental Health Journal, Psychology and Health, Infant Mental Health Journal, Health and Social Care in the Community, BioMed Research international, Central European Journal of Public Health, and Medycyna Pracy.

**MSU Committees:**

* **Member and Vice-Chair**. College Advisory Council, College of Human Medicine, Michigan State University. 2013 - 2015
* **Member**. Committee on Admissions, College of Human Medicine, Michigan State University. 2015 – 2018

**Community Committee Involvement:**

* Infant Mortality Monitoring and Evaluation Committee, Michigan Department of Health and Human Services. 2016 – 2017

**Other:**

* **Judge**, Mid-Michigan Regional Research Day. 2011-2014; 2018
* **Abstract reviewer**. DISCIPLE – International Student Conference in Public Health. Cluj-Napoca, Romania. 2015-2016

**PARTNERSHIPS AND OPPORTUNITIES FOR UNIVERSITY FACULTY AND STUDENTS TO PARTICIPATE IN COMMUNITY-ENGAGED RESEARCH**

College of Human Medicine Departments/Units/Colleges:

* Obstetrics, Gynecology and Reproductive Biology: Lee Anne Roman, Kelly Strutz, Jennifer raffo, Joel Maurer, MD, Karen Williams, PhD, Richard Leach, MD,
* Epidemiology, College of Human Medicine, MSU. Zheuhi Luo, PhD;
* Institute for Health Policy (formerly Institute for Health Care Studies), College of Human Medicine: Denise Holmes; Stacy Duncan-Jackson; Charles Mundt; William Corser, PhD; Deborah Darling, RN, BSN; Lynette Biery PA-C
* Psychology, College of Human Medicine, MSU. Anne Bogat, PhD; Alytia Levendosky, PhD; Joe Lonstein, PhD.
* Family Medicine, College of Human Medicine: Rebecca Malouin, PhD; Jodi Holtrop, PhD
* Pediatrics, College of Human Medicine: Rebecca Malouin, PhD;

Babes-Bolyai University, Cluj-Napoca, Romania

* Department of Public Health: Razvan Chereches, PhD

University of Medicine and Pharmacy, Cluj-Napoca, Romania

* Department of Obstetrics and Gynecology: Dan Mihu, MD, PhD; Cristian Iuhas, MD, PhD; Florin Stamatian, MD, PhD; Gabriela Caracostea, MD, PhD.

**ENGAGEMENT AND PUBLIC/COMMUNITY OUTREACH**

**State and Community Partnerships for Engaged Scholarship**

Primary partners for research/scholarship and service are 1) **Spectrum Health** (sustained for 13 years), a nationally recognized top 5 large health systems in the county, with multiple community physician leaders and health providers engaged: Stephen Rechner, MD, Peggy Vandermuelen, Susan Henning; 2) the **Michigan Department of Community Health, Medicaid Division and Child and Family Health Division** (sustained 13 years).

Multiple additional partners have participated in the Medicaid and community collaborative work from Grand Rapids, Detroit, and Lansing, to northern Michigan communities and include:

* Public Health: Michigan Department of Community Health, District Health Department #10, Kent County Health Department, Ingham County Health Department, Priority Health Services, Inc. (private MIHP), Genesee County Health Department, Benzie-Leelanau District Health Department, Grand Traverse County Health Department, Northwest Michigan Community Health, Detroit Public Health Department
* Hospital/Health Systems: Spectrum Health, Helen DeVos Children’s Hospital, Sparrow Health System, Mercy Health (St. Mary’s Health Care), and Metro Health.
* Federally Qualified Health Systems: Cherry Street Health Services, Grand Rapids, MI; Ingham County Health Department, Lansing, MI; and ACCESS, Arab Community Center for Economic & Social Services, the largest Arab American health and human services agency in the United States, Community Health & Research Center Dearborn, MI
* Federal Healthy Start Programs: Strong Beginnings Federal Healthy Start Program, Maajtaag Mnobmaadzid Healthy Start, Great Beginnings Healthy Start, Saginaw County, Genesee County, Detroit Healthy Start (Michigan Healthy Start Project)
* Mental Health Services: Network 180, Community Mental Health and Arbor Circle, Grand Rapids, MI
* Health Plans: Priority Health, and others participated in selected activities, Health Plan of Michigan, Care Source Michigan, Molina Healthcare of Michigan
* Schools Systems: Grand Rapids Public Schools; Muskegon Intermediate School District
* Kent County/Grand Rapids Community Groups: Healthy Kent 2020, Infant Health Implementation Team; African American Health Institute, Welcome Home Baby/First Steps, Family Futures (formerly Child Abuse/Neglect Council), Maternal Infant Health Program Provider Group.
* Universities/Colleges: Grand Valley State University, Community Research Institute, University of Michigan, School of Social Work, Grand Rapids Community College, Wayne State University

**International Partnerships for Engaged Scholarship**

Primary partners for research, scholarship and service are 1) **Babes-Bolyai University (BBU), in Cluj-Napoca, Romania,** in particular the **Department of Public Health and the Center for Health Policy and Public Health** within BBU (sustained 11 years) and 2) **University of Medicine and Pharmacy, Cluj-Napoca, Romania - Obstetrics and Gynecology clinics**, *Obstetrics and Gynecology Clinic I* and *Obstetrics and Gynecology Clinic II*, offering prenatal care and delivering the vast majority of births in Cuj-Napoca, including the heads of the clinics Drs. Dan Mihu and Florin Stamatian, the current president of the Romanian Society of Perinatal Medicine, Drs Gabriela Caracostea and Cristian Iuhas.

As further recognition of my engaged scholarship at the international level, since March 2018 I am a *2035 Smoke-Free* Ambassador in Romania. *2035 Smoke-Free* is a national initiative aiming to reduce the tobacco consumption to a minimum for the next adult generations. The initiative has the support of the civil society, the main medical society, the Romanian Presidency, and many other stakeholders.

Additional partners participated in the collaborative work in Romania, including:

* Novogyn, a private obstetrics and Gynecology in Cluj-Napoca
* IMOGEN – Medical Research Institute, Cluj-Napoca, Romania
* SAMAS, an NGO with national reach in Romania improving the knowledge and perinatal care of current and future parents through a network of perinatal educators
* Burtica Mea, a local company in Cluj-Napoca offering educational courses to future and current parents
* The two largest Obstetrics and Gynecology clinics in Targu-Mures, Romania
* General practitioners, nurses, perinatal educators

#### **HONORS AND AWARDS**

## 2003 – 2004 Dissertation fellowship, Center for Retirement Research at Boston College

#### 2003 Tuition for the RAND Summer Institute Demography, Economics, and Epidemiology of Aging

## 2002 – 2003 Research fellowship, Syracuse University Economics Department

## 1999 – 2004 Merit scholarship from Syracuse University. Five years graduate school tuition

#### **ADDITIONAL SKILLS**

#### Languages: English (functionally native proficiency – ILR level 5); Romanian (native – ILR level 5). French (limited working proficiency – ILR level 2).

* Computer Skills: Statistical Applications (Stata, SAS, SPSS), Microsoft Office.