Bradley E. Iott

Curriculum Vitae November 2020

University of Michigan, School of Public Health
Department of Health Management and Policy   *Phone*: 734-770-5851
1415 Washington Heights, M3032   *E-mail*: biott@umich.edu
Ann Arbor, MI 48109-2909   www.bradleyiott.com

EDUCATION

In Progress	Ph.D., Information Science & Health Services Organization and Policy School of Information Department of Health Management and Policy, School of Public Health University of Michigan, Ann Arbor
	Committee: Tiffany Veinot (Information co-chair), Denise Anthony (HSOP co-chair), Mark Ackerman (Information), Shoou-Yih Daniel Lee (HSOP) Dissertation: "Social Determinants of Health Screening Implementation: A Multi Methods Investigation to Bridge Clinic and Community to Improve Healthcare Outcomes"
2016	M.S., Physiology University of Michigan Medical School
2014	M.P.H., Occupational and Environmental Epidemiology University of Michigan School of Public Health
2013	B.A., Anthropology, Minor in Urban Studies University of Michigan, Ann Arbor

Research Specializations: Health Informatics; Health Disparities; Social Determinants of Health; Clinical Information Systems; Organizational Studies; Mixed Methods Research

PEER-REVIEWED PUBLICATIONS

Journals

J8.   **Iott, B.E.**, Raj, M., Platt, J., and Anthony, D., 2020. Family caregiver access of online medical records: Findings from the Health Information National Trends Survey. *Journal of General Internal Medicine*, [*forthcoming].

J7.   Vydiswaran, V.V., Romero, D.M., Zhao, X., Yu, D., Gomez-Lopez, I., Lu, J.X., **Iott, B.E.**, Baylin, A., Jansen, E.C., Clarke, P. and Berrocal, V.J., 2020. Uncovering the relationship between food-related discussion on Twitter and neighborhood characteristics. *Journal of the American Medical Informatics Association*, *27*(2), pp.254-264.

J6.   Vydiswaran, V.V., Strayhorn, A., Zhao, X., Robinson, P., Agarwal, M., Bagazinski, E., Essiet, M., **Iott, B.E.**, Joo, H., Ko, P. and Lee, D., 2019. Hybrid bag of

approaches to characterize selection criteria for cohort identification. *Journal of the American Medical Informatics Association*, *26*(11), pp.1172-1180.

J5.   Dibble, E.R.*, **Iott, B.E.***, Flynn, A.J., King, D.P., MacEachern, M.P., Friedman, C.P. and Caverly, T.J., 2018. A Rapid Process for Identifying and Prioritizing Technology-Based Tools for Health System Implementation. *JMIR cancer*, *4*(2), p.e11195.
               *these authors contributed equally

J4.   **Iott, B.E.**, Veinot, T.C., Loveluck, J., Kahle, E., Golson, L. and Benton, A., 2018. Comparative analysis of recruitment strategies in a study of men who have sex with men (MSM) in Metropolitan Detroit. *AIDS and Behavior*, *22*(7), pp.2296-2311.

J3.   Adomako, J., Asare, G.Q., Ofosu, A., **Iott, B.E.**, Anthony, T., Momoh, A.S., Warner, E.V., Idrovo, J.P., Ward, R. and Anderson, F.W., 2016. Community-based surveillance of maternal deaths in rural Ghana. *Bulletin of the World Health Organization*, *94*(2), p.86.

J2.   Harris, J.A., Moniz, M.H., **Iott, B.E.**, Power, R. and Griggs, J.J., 2016. Obesity and the receipt of influenza and pneumococcal vaccination: a systematic review and meta-analysis. *BMC obesity*, *3*(1), p.24.

J1.   Moniz, M.H., Dalton, V.K., Davis, M.M., Forman, J., **Iott, B.E.**, Landgraf, J. and Chang, T., 2015. Characterization of Medicaid policy for immediate postpartum contraception. *Contraception*, *92*(6), pp.523-531.

Archival Conference Proceedings

C6.   **Iott B.E.**, Eddy C., Casanova C., Veinot T., 2020. More than a Database: Understanding Community Resource Referrals within a Socio-Technical Systems Framework. In *AMIA Annual Symposium Proceedings* (Vol. 2020). American Medical Informatics Association. *[forthcoming]*

C5.   **Iott B.E.**, Raj M., Platt J., Anthony D., 2020. Caregiver Access of Online Medical Records: Implications for Policy, Practice, and Patient Portal Design. In *AMIA Annual Symposium Proceedings* (Vol. 2020). American Medical Informatics Association. *[forthcoming]*

C4.   **Iott, B.E.**, Campos-Castillo, C. and Anthony, D.L., 2019. Trust and Privacy: How Patient Trust in Providers is Related to Privacy Behaviors and Attitudes. In *AMIA Annual Symposium Proceedings* (Vol. 2019, p. 487). American Medical Informatics Association.

C3.   **Iott, B.E.**, Caverly, T., Fishstrom, A., King, D., Meng, G. and Flynn, A., 2019, May. Clinician Perspectives on the User Experience, Configuration, and Scope of Use of a Patient Reported Outcomes (PRO) Dashboard. In *Proceedings of the 13th*

> *EAI International Conference on Pervasive Computing Technologies for Healthcare* (pp. 21-30).

C2.   Vydiswaran, V.V., Romero, D.M., Zhao, X., Yu, D., Gomez-Lopez, I.N., Lu, J.X., **Iott, B.E.**, Baylin, A., Clarke, P., Berrocal, V.J. and Goodspeed, R., 2018, June. "Bacon Bacon Bacon": Food-Related Tweets and Sentiment in Metro Detroit. In *ICWSM* (pp. 692-695).

C1.   Flynn A., Boisvert P., Gittlen N., Gross C., **Iott B.E.**, Lagoze C., Meng G., Friedman C., 2018. Architecture and initial development of a knowledge-as-a-service activator for computable knowledge objects for health. *Building Continents of Knowledge in Oceans of Data: The Future of Co-Created eHealth,* 247, p.401.

Under Review

> Lee S.Y.L., **Iott B.E.**, Banaszak-Holl J., Shih S.F., Raj M., Johnson K., Kiessling K., Moore-Petinak N. "Application of Mixed Methods in Health Services Management Research: A Systematic Review"

> **Iott B.E.**, Loveluck J., Benton A., Golson L., Kahle E., Lam J., Bauermeister J., Veinot T. "The impact of stigma on HIV testing decisions for men who have sex with men: A multilevel conceptual model"

> Raj M., **Iott B.E.**, Platt J., Anthony D. "Family caregiving and telehealth during COVID-19: Insights from Michigan"

> Raj M., **Iott B.E.** "When do family caregivers use their adult care recipient's online medical record? Evidence from the 2019 Health Information National Trends Survey"

Manuscripts in Preparation

> **Iott B.E.**, Anthony D. "Distribution and Characteristics of Hospital-provided Social Care in the United States"

Working Papers

2017   **Iott B.E.**, Flynn A., Richesson R. *Briefing paper on: Metadata Standards for Computable Biomedical Knowledge (CBK).* Mobilizing Computable Biomedical Knowledge Conference, Ann Arbor, MI October 2017. Available at: https://deepblue.lib.umich.edu/handle/2027.42/140743

2017   Dibble E., **Iott B.E.**, Flynn A., Enriquez A. *Briefing paper on: Intellectual Property Considerations for Computable Biomedical Knowledge (CBK).* Mobilizing Computable Biomedical Knowledge Conference, Ann Arbor, MI October 2017. Available at: https://deepblue.lib.umich.edu/handle/2027.42/140745

FELLOWSHIPS, AWARDS AND HONORS

2020-21	AHRQ T32 Institutional Training Program, $27,000, UM
2020-21	Blue Cross Blue Shield of Michigan Foundation Student Award Program "Distribution and Characteristics of Hospital-provided Social Care in the United States," $3,000, UM
2020	Health Management and Policy Summer Writing Award, $4,000, UM
2020	Poverty Solutions 2020 Faculty Development Grants Competition "Health gains from various tax proposals of presidential candidates in the 2020 US elections," $20,000 (co-principal investigator), UM
2019-20	Parkview Health System Contract, "Social Determinants of Health Data: Bridging Clinic and Community to Improve Healthcare Outcomes," $88,009 (co-principal investigator), UM
2017-20	Rackham Travel Grant, Horace H. Rackham School of Graduate Studies, $800, UM
2014	NIOSH Education Research Center Training Grant, UM
2013	Minority Health and Health Disparities International Research Training Program (MHIRT), $3,000, UM
2012	International Institute Summer in South Asia Fellowship, $3,000, UM
2011-14	University Honors, UM
2011	Irma Anschutz Scholarship Recipient, $2,500, UM

CONFERENCE PRESENTATIONS AND POSTERS

Presentations for Conferences without Proceedings

2020   **Iott B.E.**, Yu D., Beals A., Romero D., Vydiswaran V.V., Veinot T. *Using geocoded social media data to assess physical activity levels of communities: a study of Twitter users from Metropolitan Detroit.* Symposium of the Workgroup on Interactive Systems in Health (WISH), at the American Medical Informatics Association (AMIA) Annual Symposium [virtual].

2020   Cross D., **Iott B.E.,** Raj M. *Managing evolving relationships and dynamics in an IT-enabled healthcare environment: Implications for an aging population* (Panel Symposium), Organisational Behaviour in Health Care (OBHC), Manchester, United Kingdom. (conference cancelled due to COVID-19).

2019   **Iott B.E.**, Flynn A.J., Caverly T.J., Fishstrom A. *A Clinician-Oriented Usability Study of a Patient-reported Outcome Data Dashboard.* American Medical Informatics Association (AMIA) Clinical Informatics Conference, Atlanta, GA.

2018   Vydiswaran V.V., Agarwal M., Bagazinski E., Essiet M., Fu G., Hardas T., **Iott B.E.**, Joo H., Ko P., Lee D., Lu J.X., Liu J., Murali A., Pu T., Robinson P., Sasigawa K., Wang T., Yuan N., Zhao X. *Hybrid bag of approaches to characterize selection criteria for cohort identification.* National NLP Clinical Challenge (n2c2) 2018. San Francisco, CA.

2018   Flynn A. and **Iott B.E.** *Demonstration of a Knowledge-as-a-Service Activator for Computable Knowledge Objects for Health.* Medical Informatics Europe (MIE). Gothenburg, Sweden.

2017   **Iott B.E.**, Veinot T., Loveluck J., Kahle E., Golson L., Benton A. *Divided communities: Barriers and opportunities for HIV prevention interventions among men who have sex with men (MSM) in Metropolitan Detroit.* American Public Health Association (APHA) Annual Meeting, Atlanta, GA.

2017   **Iott B.E.**, Veinot T., Loveluck J., Kahle E., Golson L., Benton A., Lam J. *Comparison of participant demographics and yield of recruitment strategies in a study of men who have sex with men (MSM) in Metropolitan Detroit.* Workshop on Interactive Systems in Health Care (WISH), at the American Medical Informatics Association (AMIA) Annual Symposium, Washington D.C.

Posters

2020   **Iott B.E.**, Pater J., Wagner S., Toscos T., Veinot T. *Improving Social Determinants of Health Screening Implementation Through Collaboration: Leveraging a Clinical-Academic Partnership.* American Medical Informatics Association (AMIA) Annual Symposium [virtual].

2020   **Iott B.E.**, Anthony D., Pater J., Wagner S., Toscos T., Veinot T. Nothing New Under the Sun: How Existing Screening Programs Can Inform the Design of Social Determinants of Health Screening in Health Care. AcademyHealth Annual Research Meeting 2020 (in-person meeting canceled due to COVID-19).

2020   **Iott B.E.,** Raj M., Platt J., Anthony D. Characterizing Family Caregivers' Perspectives on Policies Regarding Adult Care Recipients' Medical Record Access. AcademyHealth Annual Research Meeting 2020 (in-person meeting canceled due to COVID-19).

2020   **Iott B.E.,** Anthony D., Campos-Castillo C. Trust and Privacy: How Patient Trust in Providers is Related to Privacy Behaviors and Attitudes. Privacy@Michigan Symposium. Ann Arbor, MI.

2019   **Iott B.E.,** Loveluck J., Kahle E., Golson L., Benton A., Veinot A. Stigma and HIV Testing Decisions among Men who have Sex with Men in Metropolitan Detroit. Society of Behavioral Medicine Annual Meeting, Washington D.C.

2018   **Iott B.E.,** Flynn A., Caverly T., Fishstrom A., King D., Meng G., Friedman C. CBK to Support Use of Patient Reported Outcomes Data: A Prototype of PRO Technology for improving the Patient Experience of Oncology Care. Mobilizing Computable Biomedical Knowledge Conference, Washington D.C.

2017   **Iott B.E.**, Veinot T., Vydiswaran V.V., Romero D., Zhao X., Li J.X., Yu D. *Construction of a food-specific sentiment keyword dictionary for machine*

classification of tweets. Natural Language Processing Working Group, American Medical Informatics Association (AMIA) Annual Symposium, Washington D.C.

2016   **Iott B.E.**, Veinot T. *HIV Testing Determinants and Information Seeking Behavior of YMSM in Southeastern Michigan.* Sujal M. Parikh Symposium for Health and Social Justice, University of Michigan Medical School, Ann Arbor, MI.

2015   Moniz M.H., Chang T., Davis M.M., Forman J., **Iott B.E.**, Landgraf J., Dalton V.K. *Policy Ahead of Clinical Practice – A Qualitative Study of Implementation Experiences in States with Medicaid Coverage of Immediate Postpartum Long-Acting Reversible Contraception.* North American Forum on Family Planning, Chicago, IL.

2010   Tekieli T., **Iott B.E.**, Jimenez K., Sterling D. *An Examination of Obesity and Candidate Evaluation.* Midwest Political Science Association Annual National Conference, Chicago, IL.

RESEARCH EXPERIENCE

2019-20   "Social Determinants of Health Data: Bridging Clinic and Community to Improve Healthcare Outcomes" PIs: Veinot T., Iott B.E. Role: PI and Graduate Student Research Assistant

2019-20   "More than a Database: Understanding Community Resource Referrals within a Socio-Technical Systems Framework." PI: Veinot T. Role: Graduate Student Research Assistant

2017-20   "A 'Big Data' Approach to Understanding Neighborhood Effects in Chronic Illness Disparities" PIs: Veinot T., Vydiswaran V.V., Romero D. Role: Graduate Student Research Assistant

2017-18   "A Novel Knowledge-Delivery Mechanism Empowering Clinicians to Improve the Patient Experience of Cancer Care" PI: Flynn A. Role: Graduate Student Research Assistant

2016-20   "Developing a Stigma Reduction Intervention to Increase Uptake of HIV Testing" PI: Veinot T. MSM Role: Graduate Student Research Assistant

2015-16   Robert Wood Johnson Foundation Clinical Scholars Program Health Services Research: "*Obesity and the receipt of influenza and pneumococcal vaccination: a systematic review and meta-analysis.*" & "*Characterization of Medicaid policy for immediate postpartum contraception.*" PIs: Moniz M., Harris J. Role: Graduate Student Research Assistant

2013-16   "Community-based surveillance of maternal deaths in rural Ghana" PI: Anderson F. Role: Graduate Student Research Assistant

GRANT WRITING

2020   Lead author/editor AHRQ R36 Submission, "Social Determinants of Health Screening Implementation: A Multi-Method Investigation to Bridge Clinic and Community to Improve Healthcare Outcomes," School of Public Health, UM (February, under review)

2020   Co-Principal Investigator: Poverty Solutions 2020 Faculty Development Grants
              Competition "Health gains from various tax proposals of presidential candidates
              in the 2020 US elections," $20,000, UM (awarded)
2020   Principle Investigator: Blue Cross Blue Shield of Michigan Foundation Student
              Award Program "Distribution and Characteristics of Hospital-provided Social
              Care in the United States," $3,000 (awarded)

TEACHING EXPERIENCE

2018-19   University of Michigan, Ann Arbor, MI
              HMP/SI 661 Managing Health Informatics (G.S.I.)
              HMP/LHS/SI/BIOINFO 668 Introduction to Health Informatics (G.S.I.)
2014-18   University of Michigan, Ann Arbor, MI
              UC 106 Perspectives on Health Care (Guest Lecturer)

ADDITIONAL TRAINING

2019   Mixed Methods Workshop: Designing & Conducting a Mixed Methods
              Dissertation or Thesis, University of Michigan Mixed Methods Program
2018   National NLP Clinical Challenges (N2C2) Workshop (at AMIA)
2017   Workshop on Interactive Systems in Healthcare (WISH) Workshop (at AMIA)
2017   ICOS Big Data Summer Camp, University of Michigan

UNIVERSITY SERVICE AND PROFESSIONAL ACTIVITY

Peer Review

*American Medical Informatics Association, American Public Health Association,
Academy of Management, Organizational Behavior in Healthcare (OBHC), ACM
CHI Conference on Human Factors in Computing Systems, Medical Informatics
Europe (MIE), Medical Care Research and Review*

Departmental Service
2017-18   Planning Committee, Mobilizing Computable Biomedical Knowledge
              Conference, Ann Arbor, MI October 2017; Washington D.C., July 2018
2017-18   Doctoral Executive Committee Member, University of Michigan School of
              Information
2017-18   Doctoral Writing Group Facilitator, University of Michigan School of Information

Volunteering
2018-19   Student Volunteer, American Medical Informatics Association Annual
              Symposium
2011-18   Volunteer at University of Michigan C.S. Mott Children's Hospital

Consulting
2016-17   Research consultant to *Saving Mothers, Giving Life* project of the Centers for
              Disease Control and Prevention and United States Agency for International
              Development

PROFESSIONAL MEMBERSHIPS
American Medical Informatics Association (AMIA), AcademyHealth, Society of Behavioral
Medicine

TECHNICAL SKILLS
Stata, R, SPSS, NVivo