

Charles R. Senteio

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Research Focus

Identify and address barriers to chronic disease care for vulnerable patient populations, with an emphasis on using technology to facilitate information exchange, by using experience in research and teaching in: health informatics, health disparities, and health education.

Education

- Ph.D. Health Informatics, *University of Michigan School of Information*, Dissertation Title: *Investigating Psychosocial Factors: Supporting Clinical Decisions for Outpatient Diabetes Care*. 2015
- M.S.W. Interpersonal Practice & Social Policy, Health *University of Michigan School of Social Work*, 2014
Licensed Master Social Worker (LMSW)
- M.B.A. Strategy and Information Technology
University of Michigan Ross School of Business, 1994
- B.A. Mathematics and Computer Science
Central Connecticut State University, 1992

Academic Appointments

- 2016-present Assistant Professor, *Rutgers University School of Communication and Information*, Department of Library and Information Science
- 2020-2021 Visiting Assistant Professor, *Massachusetts Institute of Technology, Sloan School of Management*, Operations Management Group, MLK Visiting Professor/Scholar Program
- 2015-2016 Visiting Assistant Professor, *Michigan State University College of Communication Arts and Sciences*, Department of Media and Information
- 2013-2014 Research Specialist, *VA Center for Clinical Management Research*
Conduct qualitative and quantitative analysis supporting programs to improve information use and diabetes care delivery and hospital transitions.
- 2012-2013 Graduate Student Research Assistant, *University of Michigan School of Information*
Support the Community Health Informatics team in conducting various research duties including: grant writing, study design, IRB compliance, recruiting and interviewing, community building, and manuscript development.

Research Grants (Total: \$83,318)

- 2019 – 2021 *Rutgers Community Design for Health and Wellness - Interdisciplinary Research Group (CDHW-IRG)*. “Investigating Facilitators and Barriers to Health Information: Collaborating with New Brunswick organizations to Describe Health Information Needs of New Jersey Residents.” PI (\$18,500)
- 2020 *Rutgers Division of Diversity, Inclusion and Community Engagement*. Diversity Innovation Grant (\$1,500)
- 2019 *Rutgers University Office of the Senior Vice President for Academic Affairs Program for Early Career Excellence (PECE) Mini-Grant for Scholarly Productivity*. (\$800)
- 2018 – 2019 *Rutgers University of the School of Communication & Information Dean’s Office, Grants for Individual Faculty Research (GIFR)*. “Investigating the long-term impact of an HIV-STI health information program on African American Faith Leaders and their congregations in Flint Michigan.” PI (\$3,000)
- 2017 – 2018 *Rutgers School of Communication & Information Dean’s Office*. “Access beyond the walls: Investigating healthcare access barriers for the re-entry population.” PI (\$3,600)
- 2017 – 2018 *OCLC/ALISE (Online Computer Library Center/Association for Library and Information Science Educators) Library and Information Sciences Research Grant for 2017*. “Investigating Engagement of Public, Academic, and Medical Libraries with Community-based health and Wellness Activities in Diverse Urban Communities.” PI (\$24,913)
- 2016 – 2017 *Michigan Center for Urban African American Aging Research Pilot Scholar Award, National Institute on Aging, National Institutes of Health, P30 AG015281*. “Diabetes Education and Intergenerational Technology Transfer.” PI (\$31,000)
- 2015 – 2016 *Michigan State University Dean’s Office of the College of Communication Arts and Sciences*. “Count Me Out: Investigating why CKD patients are never placed on, or elect removal from, Kidney Transplant Waitlists.” PI (\$5,000)

Applied (10/2018): NIH/NCI Mentored Research Scientist Dev. Award (K01 - PAR-18-364), “Comparing Technology Enabled Tools to Improve Information Exchange for Vulnerable Cancer Survivors”

Advanced Research / Instructional Training

- Attendee, Pre-Conference workshop "Forming Science-Industry Research Collaborations" at the Gerontological Society of America (GSA) Annual Scientific Meeting, Austin, TX, November 14, 2019
- Scholar/Trainee, Cohort 7 for Programs to Increase Diversity Among Individuals Engaged in Health Related Research (PRIDE) NIH-National Heart, Lung, and Blood Institute (NHLBI) Summer Training and Mentoring Institute, NYU Medical School, July 23rd – August 2nd, 2019
- National Research Mentoring Network-CIC Academic Network (NRMN-CAN) 3rd and 4th annual Professional Development and Grantwriting Conference, Chicago, IL, September 30 – October 2, 2018 & October 29 – 31, 2017
- National Institute on Aging (NIA) Butler-Williams Scholar, NIH Campus, Bethesda, MD, 2018
- Michigan Center for African American Aging Research (MCUAAAR) Summer Training Workshop, Summer 2018 (June 13 – 15) Ann Arbor, MI & Summer 2017 (June 14 – 16) Detroit, MI
- Research Center for Minority Aging Research (RCMAR) Scholar Workshop on Grant Writing, San Francisco, CA, April 12, 2017
- University of Michigan Center for Research on Learning and Teaching (CRLT) Preparing Future Faculty Conference, September 29, 2014

Articles Under Review

1. **Senteio, C. R.**, Soltow Hershey, D., Campbell, T. R., Mandal, S. (2020). *Intergenerational Technology Transfer: Enhancing African American Older Adults' Self-Efficacy for Diabetes Self-Management*. Manuscript Submitted for Review on May 1st.
2. **Senteio, C. R.**, & Akincigil, A. (2020). *Illuminating Racial Inequity in Diabetes Control: Differences based on Gender and Geography*. Manuscript Revised and Resubmitted on April 21st.
3. **Senteio, C. R.**, & Murdock, P. (2020). *Technology designed to support recommended self-management for African American and Hispanic chronic disease patients: A systematic review of the efficacy of health IT for populations that experience persistent inequity*. Manuscript Submitted for Review on January 25th.

Articles in Refereed Journals

1. **Senteio, C. R.**, & Yoon, D. B. (2020). How Primary Care Physicians Perceive Patients Disclose Health Information – Access to Sensitive Psychosocial Information. *Qualitative Health Research*. doi:10.1177/1049732320911630
2. **Senteio, C. R.**, & Callahan, M. B. (2020). Supporting Quality Care for ESRD Patients: The Social Worker Can Help Address Barriers to Advance Care Planning. *BMC Nephrology*. 21(55). doi:0.1186/s12882-020-01720-0
3. **Senteio, C. R.**, (2019). Promoting Access to Health Information: A Method to Support Older African Americans with Diabetes. *Aslib Journal of Information Management*. 71(6), 80-820. doi: 10.1108/AJIM-02-2019-0043
4. **Senteio, C. R.**, Adler-Milstein, J. A., Richardson, C., Veinot, T. C. (2019). Psychosocial Information Use for Clinical Decisions in Diabetes Care. *Journal of the American Medical Informatics Association*. 26(8-9), 813–824. doi:10.1093/jamia/ocz053
5. La Bril, R. D., **Senteio, C. R.**, Schied, J., Luz, C., Suite, D., Johnson, C., Grady, B., & Mims, J. (2018). Pilot Study: Increasing Knowledge and Collaboration Primarily among Christian Faith Leaders and Health Providers for PTSD Survivors. *Medical Student Research Journal*, 6, 40-49.
6. **Senteio, C. R.** (2018). Investigating the Enduring Impact of a Community-Based Health Education Program to Promote African American Elders' Use of Technology Designed to Support Chronic Disease Self-Management. *Geriatrics*, 3(4), 14. doi:10.3390/geriatrics3040070
7. **Senteio, C. R.**, Yoon, D. B., Wang, Y., Jinka, S., Campbell, T. R., & Palena, E. (2018). The Impact of Being a Peer Sexual Health Educator: Lessons learned from Mobilizing African American Adolescents Against HIV in Flint, Michigan. *American Journal of Sexuality Education*, 13(4), 425-451. doi:10.1080/15546128.2018.1499163
8. **Senteio, C. R.**, Veinot, T. C., Adler-Milstein, J., & Richardson, C. R. (2018). Physicians' Perceptions of the Impact of the EHR on the Collection and Retrieval of Psychosocial Information in Outpatient Diabetes Care. *International Journal of Medical Informatics*, 113, 9-16. doi:10.1016/j.ijmedinf.2018.02.003
9. **Senteio, C. R.**, & Matteucci, K. (2017). Addressing Racial Discrimination in the 1930s: Using Historical Case Study to Inform Contemporary Social Justice Efforts. *Journal of African American Studies*, 21(4), 621-642. doi:10.1007/s12111-017-9387-z
10. Veinot, T. C., **Senteio, C. R.**, Hanauer, D., & Lowery, J. C. (2017). Comprehensive Process Model of Clinical Information Interaction in Primary Care: Results of a “Best-Fit” Framework Synthesis. *Journal of the American Medical Informatics Association*, 25(6), 746–758. doi:10.1093/jamia/ocx085

Articles in Refereed Journals (continued)

11. Unertl, K., Schaeffbauer, C., Campbell, T., **Senteio, C. R.**, Siek, K., Bakken, S., Veinot, T.C. (2016). Integrating community-based participatory research and informatics approaches to improve the engagement and health of underserved populations. *Journal of the American Medical Informatics Association*, 23(1), 60-73. doi: 10.1093/jamia/ocv094
12. **Senteio, C. R.**, & Veinot, T. C. (2014). Trying to make things right: adherence work in high-poverty, African American neighborhoods. *Qualitative Health Research*. 24(12), 1745-1756. doi: 10.1177/1049732314549027
13. Zhang, S., **Senteio, C. R.**, Felizzola, J., Rust, G. (2013). Racial/ethnic disparities in antiretroviral treatment among HIV-infected pregnant Medicaid enrollees, 2005-2007. *American Journal of Public Health* 103(12), e46-53. doi: 10.2105/ajph.2013.301328
14. Cardarelli, K., Jackson, R., Martin, M., Linnear, K., Lopez, R., **Senteio, C. R.**, Weaver, P., Hill, A., Banda, J., Epperson-Brown, M., Morrison, J., Parrish, D., Newton, J., Royster, M., Haley, S., Lafayette, C., Harris, P., Vishwanatha, J., Johnson, E., (2011). Community-based participatory approach to reduce breast cancer disparities in south Dallas. *Progress in Community Health Partnerships: Research, Education, and Action*, 5(4), 359-360. doi: 10.1353/cpr.2011.0056
15. **Senteio, C. R.**, Collins, S., Jackson, R., Welk, S., Zhang, S. (2010). Effective resources supporting healthy sexual behavior in formerly incarcerated persons. *American Journal of Sexuality Education*, 5(4), 362-376. doi: 10.1080/15546128.2010.527241
16. Cardarelli, K., Haley, S., Linnear, K., Jackson, R., Martin, M., Lopez, R., **Senteio, C. R.**, Weaver, P., Hill, A., Banda, J., Epperson-Brown, M., Morrison, J., Parrish, D., Newton, J., Royster, M., Lafayette, C., Harris, P., Vishwanatha, J., Johnson, E., (2010). Abstract B2: Educational intervention to reduce breast cancer disparities: the Dallas cancer disparities community research coalition. *Cancer Epidemiology Biomarkers & Prevention*, 19(10 Supplement), B2. doi: 10.1158/1055-9965.disp-10-b2
17. **Senteio, C. R.**, Marshall, K., Ritzen, E. K., Grant, J. (2009). Preventing homelessness: an examination of the transition resource action center. *Journal of Prevention & Intervention in the Community*, 37(2), 100-111. doi: 10.1080/10852350902735601
18. Walton, J. W., & **Senteio, C. R.** (2005). New laws protect volunteer physicians. *Dallas Medical Journal*, 91: 318-319

Health Certifications

- Licensed Clinical Social Worker (LCSW), Texas State Board of Social Worker Examiners. #60136
- Certified Health Education Specialist (CHES), National Commission for Health Education Credentialing. #19336
- Certified Community Health Worker Instructor (CHW-I), Texas Department of State Health Services. #00115
- Certified Facilitator, Diabetes Conversation Maps®, Healthy Interactions Inc. in collaboration with the American Diabetes Association, Merck Journey for Control Program®, September 25, 2009
- National Emergency Medical Technician Certification (EMT-B) earned November, 2004

Awards

- American Public Health Association (APHA) Health Informatics Information Technology (HIIT) Section Outstanding Leadership Award for Service, 2019, November 3, 2019
- Honorable Mention for the American Public Health Association (APHA) Betty J. Cleckley Minority Issues Research Award from the Aging in Public Health Section. *Promoting elder African Americans' use of technology to support diabetes self-care*. **Senteio, C. R.**, Soltow Hershey, D., & Campbell, T. R. (2018). APHA Annual Meet and Expo, San Diego, CA, November 14, 2018
- Faculty Research Award, Department of Library and Information Science (LIS), 2019 – 2020
- Research Excellence Award, Department of Library and Information Science (LIS), 2017 – 2018
- Gary M. Olson Outstanding Ph.D. Student Award, University of Michigan School of Information, 2015
- ALISE Doctoral Student Research Poster Award – 1st Place, Jean Tague-Sutcliffe Award, Association for Library and Information Science Education, Chicago IL, January 28, 2015
- Inductee, Edward A. Bouchet Graduate Honor Society, University of Michigan Chapter, 2013
- Rackham Merit Fellowship Award, University of Michigan, 2011 – 2015
- Outstanding Research Presentation, AGEP/Rackham Summer Institute Research Symposium, August 9, 2011
- Volunteer of the Year, Dallas Leadership Foundation, Formerly Incarcerated Persons (FIP) Reentry Program, 2011
- National Institute for Staff and Organizational Development Teaching Excellence Award, 2011
- Excellence In Teaching Award for Adjunct Faculty, El Centro College Health and Legal Division, 2010-2011
- Alumnus of the Year, University of Michigan Ross School of Business Black Business Students' Association 27th Annual Conference, Ann Arbor, Michigan, March 8, 2003
- Corporate Sponsorship Leadership Award, University of Michigan Ross School of Business Black Business Student's Association 24th Annual Conference, Ann Arbor Michigan, March 2000

Professional Organizations

- American Public Health Association, 2017 –
- National Joint Conference of Librarians of Color (JCLC), 2018 –
- American Library Association (ALA), 2016 –
- Black Caucus of American Library Association (ALA), 2017 –
- American Medical Informatics Association (AMIA), 2016 –
- American Public Health Association (APHA), 2016 –
- Association for Library and Information Science Education (ALISE), 2017 –
- The Center for Sex Education (National Sex Ed Conference), 2017 –
- Consortium for the Science of Sociotechnical Systems (CSST), 2016 & 2018
- Dallas/Ft. Worth Community Health Worker (DFW-CHW) Association, 2018 –
- Int'l Association of Gerontology and Geriatrics (IAGG)-Gerontological Society of America (GSA), 2017 –
- International Communication Association (ICA), 2017 –
- International Society of Gerontechnology (ISG), 2018 –

Teaching Experience – 29 Semesters

Instructor of Record (27 semesters)

- Management Principles of Information Organizations, Rutgers University, School of Communication and Information, Sp2019 (2 sections), Fa2018 (2 sections), Sp2018 (2 sections), Fa2017, Sp2017, Fa2016
- Management of Information Organizations, Rutgers University, School of Communication and Information, Spring 2017
- Health Communication and Technology, Michigan State University, College of Communication Arts and Sciences, Department of Media and Information, Spring 2016
- Media Impacts on Society – The Information Environment, Michigan State University, College of Communication Arts and Sciences, Department of Media and Information (2 semesters), 9/2015 – 5/2016
- Medical Law and Ethics, Dallas County Community College, El Centro College Center for Allied Health and Nursing, (5 semesters), 8/2009-5/2011
- Medical Insurance and Coding, Dallas County Community College, El Centro College Center for Allied Health and Nursing, (3 semesters), 1/2010-5/2011
- Pre-Algebra, Dallas Community College, Department of Communications, Mathematics and Teacher Preparation, (4 semesters), 1/2010-5/2011
- The Role of the United States in the Global Economy, University of Michigan School of Literature, Science, and the Arts (2 semesters), 9/1993 – 5/1994

Graduate Student Instructor (2 semesters)

- Introduction to Information Studies, Section discussion leader for foundations course for undergraduate students, University of Michigan School of Information, 1/2014
- Contextual Inquiry and Project Management, Section discussion leader for foundations course for University of Michigan Masters in Health Informatics students, 8/2013

Academic Service

- Core Faculty Member, Rutgers Global Health Institute, Spring 2020 –
- Associate Member, Rutgers Cancer Institute of New Jersey, Cancer Prevention and Control (CPC) Program, 2019 –
- Membership Chair, American Public Health Association (APHA) Health Informatics Information Technology (HIIT) Section, 2019 –
- Mentor, Consortium for the Science of Sociotechnical Systems (CSST), 2019 CSST Summer Institute, June 18-22, 2019, New Brunswick, New Jersey
- Membership Co-Chair, Health Informatics Information Technology (HIIT) section of the American Public Health Association (APHA), 2018 - 2019
- Member of Mentoring Executive Committee (MEC) for the Rutgers Connection Network (RCN) Mentoring Program for faculty and postdocs, 2019-2020
- Member, Medical Advisory Board (MAB) of the Robert Wood Johnson (RWJ) Fitness & Wellness Center, an affiliate of the RWJ University Hospital, 2018 –
- Member, Strategic Planning Workgroup on Health Equity, Rutgers Institute for Health, Health Care Policy and Aging Research, Spring 2019 -
- Member, Faculty Advisory Board on Diversity and Teaching, Vice Chancellor Undergraduate Academic Affairs , 2018 –2019
- Faculty Member, LGBTQA Faculty/Staff Liaison Network, 2017 –
- Steering Committee Founding Member, Rutgers Health Equity Academic Research (RU-HEAR) 2017 –
- Member, Committee for Master’s in Health Communication and Information (SC&I), 2017 –
- SC&I Research Development Committee Chair for LIS Department, 2017 –
- Member, Library and Information Science (LIS) Research Development Committee 2019 – 2020
- Member, Faculty Search Committee (LIS), 2017 – 2018
- Faculty Mentor, Rutgers Connection Network (RCN) Mentoring Program for faculty and postdocs, 2017 – 2019
- Faculty Mentor, [Mandela Washington Fellowship program](#), Rutgers University, Summer 2017 - 2018
- Mentor, Black Men's Excellence Mentoring Institute, Rutgers Paul Robeson Cultural Center, 2016
- Reviewer, Rutgers Cancer Institute of New Jersey Cancer Health Equity Study Section, Spring 2020
- Reviewer, *Qualitative Health Research*, 2018 – ; *Social Work*, 2013 – ; *Journal of Cancer Survivorship*, 2020 –; *Journal of the American Medical Informatics Association*, 2019 –; *International Journal of Information, Diversity, & Inclusion*, 2019 – ; ASIS&T Annual Meeting, 2019 – ; American Medical Informatics Association Annual Symposium, 2018 – ; *Journal of Healthcare Informatics Research*, 2018 – ; CHI 2018 *Engage with CHI*, April, 21-26, Montréal, Canada ; (Doctoral Consortium), Association for Computing Machinery (ACM) Special Interest Group in Information Retrieval (SIGIR) Conference on Human Information Interaction and Retrieval (CHIIR), March 11-15, 2018, New Brunswick, New Jersey ; ICIS2014 (International Conference on Information Systems) ; IAGG2017 (International Association of Gerontology and Geriatrics)
- Research Mentor (3 students), U of Michigan Undergrad Research Opportunity Program (2013–15)
- Member, University of Michigan Dean of Students Advisory Board (2014 – 2015)
- Member, University of Michigan Graduation Student Success Advisory Board (2014 – 2015)
- Co Founder, University of Michigan School of Information Health Research Interest Group (2013)
- Member (Elected), Doctoral Executive Committee, UM School of Information (2012 – 2013)

Selected Conference Presentations / Lectures

Refereed

A Blueprint to Sustainability of CHW Work and Further Integration into Healthcare Delivery Teams.

Senteio, C. R. (2019). Podium presentation at the inaugural West Texas CHW Conference—“CHWs in the Mix: Interprofessional Collaborative Practice in the Care of Vulnerable Populations - 2019”, Lubbock, TX, December 7, 2019

African American Faith Leaders in Flint, Michigan, Facilitating Access to Sexual Health Information.

Senteio, C. R., Campbell, B., & Campbell, T. R. (2019). Paper presentation at The Gerontological Society of America's (GSA) 70th Annual Scientific Meeting, Austin, TX, November 16, 2019

Lifting as we all rise: Addressing challenges to AI bias in healthcare. **Senteio, C. R.**, Costello, K. L., &

Singh, V. (2019). Paper presentation at the “Identifying Challenges and Opportunities in Human–AI Collaboration in Healthcare” workshop at the 22nd ACM Conference on Computer-Supported Cooperative Work and Social Computing (CSCW), Austin, TX, November 9, 2019

Long-term impact of an HIV/STI health information program on African American Faith Leaders in Flint, Michigan. **Senteio, C. R.**, Campbell, B., Campbell, T. R., & Schradling, L. (2019). Roundtable

presentation at the 2019 American Public Health Association (APHA) Annual Meet and Expo, Philadelphia, PA, November 5, 2019

The Legacy of WEIRD Theory: Challenges for Health Impact Research with Underrepresented

Populations. **Senteio, C. R.** & Hauser, E. (2019). Paper presentation at the Association for Information Science & Technology (ASIS&T) Special Interest Group – Social Informatics (SIG SI) 15th Research Symposium, Melbourne, Australia, October 19, 2019

The Role of Information in Reducing HIV Risk in Senegal: A Case Study Describing Lessons-Learned from

a Community-Based Behavioral Intervention and a Medication-Based Intervention. **Senteio, C. R.**, Gueye, D., Sarr, M., Mboup, A. & Mboup, S. (2019). Poster presentation at the Association for Information Science & Technology (ASIS&T) Special Interest Group – Social Informatics (SIG SI) 15th Research Symposium, Melbourne, Australia, October 19, 2019

Sexual Health Educators Supporting Routine HIV Screening in Primary Care. Bagchi, A. D. & **Senteio, C.**

R., Research Presentation selected for the American Journal of Sexuality Education symposium at the 2019 National Sex Education Conference, Newark, NJ, April 5, 2019

The Impact of Being a Peer Sexual Health Educator: Lessons learned from mobilizing African American

adolescents against HIV in Flint, Michigan. **Senteio, C. R.**, Research Presentation selected for the American Journal of Sexuality Education symposium at the 2019 National Sex Education Conference, Newark, NJ, April 4, 2019

Invited

Health Informatics and Social Determinants, Invited Guest Lecture, Informatics Nurse Specialist (INS)

Spring Seminar (NINF-5415), Melinda Jenkins, PhD, Rutgers School of Nursing, February 6, 2020

Health Informatics Equity Research. Invited Guest Lecture, Indiana University School of Informatics,

Computing & Engineering, Introduction to Data Science (I400), Devan Donaldson, PhD, May 22, 2019

Connecting Community to Social Services: The Partnership between Social Workers and Public

Librarians, Master of Information Colloquium, Moderator of Panel Discussion, Rutgers College Avenue Campus, NJ, February 19, 2019 <https://www.youtube.com/watch?v=1NurBar2yMg>

Selected Conference Presentations / Lectures 2018

Refereed

An Approach to Design an Intervention to Promote African Americans' Use of Technology for Diabetes Self-Management. **Senteio, C. R.**, Soltow Hershey, D., & Campbell, T. R. (2018). Poster presentation at The Gerontological Society of America's (GSA) 70th Annual Scientific Meeting, Boston, MA, November 14, 2018

Promoting elder African Americans' use of technology to support diabetes self-care. **Senteio, C. R.**, Soltow Hershey, D., & Campbell, T. R. (2018). Oral presentation at the 2018 American Public Health Association (APHA) Annual Meet and Expo, San Diego, CA, November 14, 2018

Count me Out: Investigating Perceptions of African Americans on Dialysis Who Are Not on a Kidney Transplant Waitlist, Roundtable presentation at the 2018 American Public Health Association (APHA) Annual Meet and Expo, San Diego, CA, November 12, 2018

Technology designed for elders to support chronic disease self-management: A systematic review. Poster Presentation, American Medical Informatics Association (AMIA) 2018 Annual Symposium, "Data, Technology, and Innovation for Better Health", San Francisco, CA, November 5, 2018

How Physicians Perceive Patients Disclose – Access to Sensitive Psychosocial Information. Yoon, D., **Senteio, C. R.**, 2018 ICA Conference, Prague, Czech Republic, May 24-28, 2018

Refereed

Diabetes Education and Intergenerational Technology Transfer: African American Elders Using Technology to Support Diabetes Self-Management. **Senteio, C. R.**, Hershey, D., Campbell, T., (2018). Paper presented at the International Society for Gerontechnology 11th World Conference, St. Petersburg, FL, May 8, 2018

Towards Meaningful Engagement: Challenges and Opportunities to Facilitating Information Flow and Use to Support Health and Wellness, Workshop Proposal Selected for the 2018 iConference, "Transforming Digital Worlds" Sheffield, UK, March 25, 2018

Library Engagement with Community-based Health & Wellness in Diverse Communities. **Senteio, C. R.**, Kranich, N., Paper presented at the 2018 ALISE National Conference, Denver, CO, February 8, 2018

Invited

Prototyping emerging technology to support underserved patients. IBM Research – Almaden, San Jose, CA, November 1, 2018

Reproductive Healthcare Disparities and What Nurses Can do to Improve Health Equity Outcomes. Invited Panelist. New Jersey State Nurses Association (NJSNA) - Institute for Nursing (IFN) 2018 Professional Summit 'The Future of the Nurses Profession in the Health Care System and Health Care Disparities', Iselin, NJ, October 11, 2018

Community Health Informatics: Using intelligent machines to address persistent health disparities by facilitating information exchange. IBM T.J. Watson Research Center, Health Informatics Professional Interest Communities (PIC) Distinguished Speaker Series, Yorktown Heights, NY, July 19, 2018

Putting the Pieces Together: Unmet Needs & Brainstorming Solutions. Moderator of Panel Discussion for the iSchool Inclusion institute (i3) BUILD Summit: Building Inclusion, Leadership, and Diversity in Information and Computing, Pittsburgh, PA, July 13, 2018

Selected Conference Presentations / Lectures (2018 continued)

Invited (continued)

Public Scholarship. Panelist for Seminar at the Consortium for the Science of Sociotechnical Systems Conference (CSST), Ann Arbor, MI, July 1, 2018

2018 Robert Wood Johnson Foundation Sharing Knowledge to Build a Culture of Health Conference, Invited Participant, Gila River Indian Reservation, Chandler, AZ, March 3-7, 2018

Health Informatics Overview, Invited Guest Lecture, Informatics Nurse Specialist (INS) Spring Seminar (NINF-5415), Melinda Jenkins, PhD, Rutgers School of Nursing, Newark, NJ, March 1, 2018

The Influence of Social Media on Civic Activism, Black History Month Master of Information Colloquium, Moderator of Panel Discussion, Rutgers Livingston Campus, NJ, February 21, 2018

<https://www.youtube.com/watch?v=JRT1LgHEFCQ>

2017

Refereed

SeXperts: Enhancing Sex Education Using Peer Mentors in a Researcher-Community Partnership.

Senteio, C. R., Campbell, T., Research Presentation selected for Research Symposium, 2017 National Sex Education Conference, Atlantic City, NJ, December 8, 2017

Diabetes Education and Intergenerational Technology Transfer. **Senteio, C. R.**, Campbell, T., Research paper selected for presentation at the 2017 American Public Health Association (APHA) Annual Meet and Expo, Atlanta, GA, November 7, 2017

Comprehensive Process Model of Clinical Information Interaction in Primary Care: Results of a “Best-Fit” Framework Synthesis. Veinot, T.V., **Senteio, C. R.**, Hanauer, D., Lowery, Julie C., Workshop on Interactive Systems in Healthcare (WISH) at the AMIA 2017 Annual Symposium, “Precision Informatics for Health: The Right Informatics for the Right Person at the Right Time”, Washington, DC, November 4, 2017

Diabetes Education and Intergenerational Technology Transfer. **Senteio, C. R.**, Hershey, D., Campbell, T., Research paper accepted for presentation at the 21st International Association of Gerontology and Geriatrics (IAGG) World Congress of Gerontology and Geriatrics, Session: Resource Centers on Minority Aging: State of the Art Research, San Francisco, CA, July 27, 2017

Importance and Use of Psychosocial Information to Inform Chronic Care Decisions in the U.S., Considered Against ICT Capabilities in the Developing World. **Senteio, C. R.**, Nwamba, I., Research poster selected for presentation at the 2017 iConference “Global Collaboration across the Information Community” Wuhan, China, March 22-25, 2017

Selected Conference Presentations / Lectures (2017 continued)

Invited

ViRi Overview – Investigating How to Leverage Emerging Technologies to Improve Health Outcomes for Vulnerable Populations. Michigan Center for Urban African American Aging Research (MCUAAAR) 2017 Summer Workshop on African American Aging, Wayne State University, Detroit, MI, June 14-16, 2017

Addressing Barriers to Care for Vulnerable Populations – Intergenerational Diabetes Knowledge Transfer. Research presentation accepted for the Resource Centers on Minority Aging (RCMAR) – Annual Investigators Meeting, San Francisco, CA, April 13, 2017

Research Methods for Community Health Informatics Investigations. Invited Guest Lecture, University of Michigan School of Information, Research Methods for Special Populations (UMSI-710), Tawanna Dillahunt, PhD, April 10, 2017

2016

Refereed

Psychosocial Information: Supporting Clinical Decisions to Enable Personalized Diabetes Care. Research poster selected for presentation at the 2016 American Public Health Association (APHA) Annual Meet and Expo, Denver, CO, November 1, 2016

YOUR Blessed Health: Community health worker informed framework for mobilizing faith leaders to address HIV incidence. Research paper selected for presentation at the 2016 American Public Health Association (APHA) Annual Meet and Expo, Denver, CO, October 31, 2016

Invited

Psychosocial Information and Diabetes Care. Research presentation for faculty and staff, Rutgers University School of Communication and Information, Department of Library and Information Science, New Brunswick, NJ, February 5, 2016

The Importance of Multicultural Competence in Research. Invited presentation for the University of Michigan Undergraduate Research Opportunity Program (UROP). Ann Arbor, MI, January 26, 2016

2015

Refereed

Psychosocial Factors In Diabetes Care. Research poster selected for presentation at the 11th Biannual Interdisciplinary Committee on Organizational Studies (ICOS) Likert Dissertation Poster Session, University of Michigan Union, Ann Arbor, MI, February 20, 2015

Psychosocial Factors In Diabetes Care. Selected for Doctoral Student Poster Competition at the 2015 Association for Library and Information Science (ALISE) Annual Conference and Centennial Celebration, Chicago, IL, January 27, 2015

Invited

[*Trying to Make Things Right: Adherence Work in High-Poverty, African American Neighborhoods.*](#) Michigan State University Trifecta Journal Club, East Lansing, MI, November 3, 2015

Selected Conference Presentations / Lectures (2015 continued)

Delivering Effective Academic Presentations. Seminar for Masters Students in Research Experience for Undergraduate Students (REMS), University of Michigan School of Information, Ann Arbor, MI, August 5, 2015

Using Psychosocial Information to Improve Health Outcomes. Research presentation for faculty and staff, Michigan State University College of Communication Arts and Sciences, Department of Media and Information, East Lansing, MI, July 31, 2015

Transitioning from Incarceration and Healthcare services. Invited lecture to incarcerated men, Hutchins State Jail (Texas), Hutchins, TX, May 14, 2015

Multicultural Issues in Research. Invited presentation for the University of Michigan Undergraduate Research Opportunity Program (UROP). Ann Arbor, MI, February 10, 2015

2014

Refereed

Psychosocial Factors In Diabetes Care. Selected for 7th Doctoral Consortium on Sociotechnical Issues in Biomedical Informatics, American Medical Informatics Association (AMIA), Washington DC, November 15, 2014

Social work activism and racial politics: A historical look at racial integration of the National Conference of Social Work, 1935-37. Research poster selected for Society for Social Work and Research 19th Annual Conference: Social and Behavioral Importance of Increased Longevity. San Antonio, TX, January 17, 2014

Invited

Orientation for New Graduate Student Mentors. Invited Speaker, Ann Arbor MI, August 21, 2014

How To Give Effective Presentations. Invited presentation for the University of Michigan School of Information Research Experience for Undergraduates (REU), Ann Arbor, MI, July 10, 2014

Rackham Merit Fellowship Orientation Welcome. Rackham Graduate School, University of Michigan, Ann Arbor, MI, July 6, 2014

Approaches to Social Justice Activism – Segregation, Integration, and the National Conference of Social Work. 11th Annual Yale Bouchet Conference on Diversity and Graduate Education, New Haven, CT, March 28, 2014

Trying to Make Things Right: Adherence Work in High-Poverty, African American Neighborhoods. 11th Annual Yale Bouchet Conference on Diversity and Graduate Education, New Haven, CT, March 28, 2014

Multicultural Issues in Research. Invited presentation for the University of Michigan Undergraduate Research Opportunity Program (UROP). Ann Arbor, MI, February 11, 2014

Selected Conference Presentations / Lectures

2013

Refereed

Investigating the use of health information in support of vulnerable patients. Research poster selected for presentation at the Fifth Annual Interdisciplinary Group on Poverty and Inequality (IGPI) Conference at the University of Michigan, Ann Arbor, MI, April 4, 2013

Using health information to support chronic care delivery for vulnerable patients, Research poster selected for presentation at the 10th Biannual Interdisciplinary Committee on Organizational Studies (ICOS) Likert Dissertation Poster Session, University of Michigan Ross School of Business, Ann Arbor, MI, February 22, 2013

Invited

Building Research Agenda - Translating Research into Practice. Invited presentation for the University of Michigan Undergraduate Research Opportunity Program (UROP). Ann Arbor, MI, November 5, 2013

Health Informatics Overview, Moving from Success to Significance. Invited speech, University of Michigan School of Information 2013 Convocation, Ann Arbor, MI, September 6, 2013.

Video: <http://www.youtube.com/watch?v=1PjkEltwDSo>

Effective Presentations. Invited presentation for the University of Michigan School of Information Research Experience for Undergraduates (REU), Ann Arbor, MI, July 10, 2013

2012

Focus Your Inner CEO/Entrepreneur. Invited presentation at the Sesi Midwestern Regional Entrepreneurship Conference, Eastern Michigan University, Ypsilanti, MI, February 10, 2012

Care Management and Health Disparities. Invited Lecture, Ross School of Business, Comprehensive Healthcare Strategy (BA 523), Dr. David Butz, Ann Arbor, MI, February 9, 2012

2011

Refereed

Care Management: Improving health and reducing costs for vulnerable patients. Presentation selected for the AGEP/Rackham Summer Institute 2011 Research Symposium, Ann Arbor, MI, August 9, 2011

Improving care delivery for chronic kidney disease patients. Research poster selected for presentation at the AGEP/Rackham Summer Institute 2011 Research Symposium, Ann Arbor, MI, August 9, 2011

Invited

Case Interview Workshop. University of Michigan Graduate Consulting Club, Ann Arbor, MI, October 6, 2011

Influencing adherence: relationships of influence and providing better care. Invited Lecture, DaVita Dialysis Center Social Workers, Dallas, TX, June 3, 2011

Selected Conference Presentations / Lectures (2011 continued)

Influencing adherence: Using relationships of influence to provide better care. Invited Lecture, FMC Dialysis Center, Dallas, TX, May 19, 2011

Relationships of Influence. Invited Lecture, National Kidney Foundation Council of Nephrology Social Workers, Dallas, TX, May 10, 2011

2010

Effective resources supporting healthy sexual behavior in formerly incarcerated persons (FIP). Invited Lecturer/Faculty, 2010 Black Psychiatrists of America Annual Transcultural Conference, St. Thomas, United States Virgin Islands, November 12, 2010

Healthcare reform and the expanding role of medical assistants. Invited Lecture, Texas Society of Medical Assistants Executive Meeting and Educational Conference, Plano, TX, August 21, 2010

Overcoming barriers to community-academic partnerships. Invited presenter/facilitator for Improving Health through Community-Academic Research: An Interactive Workshop, University of North Texas Health Science Center, Ft. Worth, TX, June 18, 2010

Providing services for the elderly. Invited Lecture, University of North Texas (UNT) at Dallas, Applied Gerontology (AGER 4780), Aging Programs/Services, Maudia Gentry, PhD, Dallas, TX, March 29, 2010

Case management in practice: Dealing with challenges. Invited Lecture, UNT Dallas, Applied Gerontology (AGER 4500), Case Management for the Elderly, Maudia Gentry, PhD, Dallas, TX, March 3, 2010

2009

Finding your leadership voice. Invited Lecture, National Network of Health Career Programs in Two Year Colleges, Dallas, TX, October 2, 2009

Dreams from my father. Invited Lecturer/Moderator, Central Dallas Ministries Urban Engagement Book Club, Dallas, TX, April 26, 2009

Medical assistant interview workshop. Invited Lecture, El Centro College Center for Allied Health, Health and Legal Studies, Dallas, TX, February 26, 2009

Affordable prescription medications. Invited Lecture, Lone Star Association of Charity Clinics, Annual Conference, Austin, TX, January 30, 2009

Students Supervised

Doctoral – Committee

Deborah Yoon (Communication) – Dissertation Committee Member. Expected 6/2020.

Connie Pascal (Information Science) – Dissertation Committee Member. Expected 6/2020.

Amanda Carpenter (Communication) – Dissertation Committee Member. 9/2017.

Doctoral – Examiner

Yiwei Wang (Information Science) – Qualifying Exam (Written and Oral) Committee Member. 10/2017.

William Bejarano (Information Science) – Qualifying Exam (Written and Oral) Committee Member. 9/2019.

Students Supervised for Independent Studies and Other Research Works

Doctoral Students

1. Maria Ortiz-Myers. PhD Student in LIS. Spring 2020. Supervisor for her Research Practicum
2. Soumik Mandal. PhD student in LIS. fall 2017 – fall 2018. Worked with me to support quantitative analysis and reporting results.
3. Deborah Yoon. PhD student in Communication. Since summer 2017. Worked with me to support qualitative analysis and results reporting results.

Masters Students

1. Sandra Burstyn, Master of Social Work Student, Rutgers School of Social Work, Field Placement Supervisor at the East Brunswick (NJ) Public Library, 2018 –
2. Kaitlin Montague, Master of Information Graduate, School of Communication and Information. Fall 2018. Working with me to document social service needs of public library patrons, and training available to public librarians to field these information needs queries.
3. Jeet Devang Sanghavi, Master of Information Technology & Analytics Student, Rutgers Business School, Newark. Fall 2018. Worked with me to support my team examining elders' adoption and use of technology using R and Tableau for the National Health and Aging Trends Study (NHATS).
4. Sohini Bhattacharya, Master of Information Technology & Analytics Student, Rutgers Business School, Newark. Since Summer 2018. Worked with me to support my team examining elders' adoption and use of technology using SAS, R, and Tableau for the National Health and Aging Trends Study (NHATS).
5. Bhuwan Agarwal, Master of Information Technology & Analytics Student, Rutgers Business School, Newark. Fall 2017 – Summer 2018. Supervised his Capstone Project in which he supported analysis of racial disparities for diabetes outcomes using STATA and the National Ambulatory Medical Care Survey (NAMCS).
6. Vaishnavi Sridhar, Master of Information Technology & Analytics Student, Rutgers Business School, Newark. Fall 2017 – Summer 2018. Worked with me to support my team examining elders' adoption and use of technology using SAS and the National Health and Aging Trends Study (NHATS).
7. Elizabeth Palena, Masters of Information Student. Fall 2017. Worked with me on qualitative data analysis and literature review of project describing impact of peer sexual health education.

Students Supervised (continued)

8. Kristen Matteucci, Masters of Information Student. Fall 2016 – Summer 2018. Co-authored peer-reviewed publication. Worked with me on social justice research, which resulted in a publication, and library engagement to improve health and wellness for a grant-funded project.
9. Swetha Jinka, Masters of Information Student. Fall 2016 – Spring 2018. Worked with me on qualitative analysis and literature review for disparities in dialysis outcomes and kidney transplants.

Undergraduate Students – Rutgers Aresty Research Assistant (RA) Program

1. Lilah Schradling, Fall 2018 - Spring 2019. Worked with me on literature review and data analysis for investigation of pastors' perceptions of providing sexual health information to their congregants in Flint, Michigan.
2. Javier Mendez, Fall 2018 – Spring 2019. Worked with me on IRB application, literature review, and data analysis for investigation of pastors' perceptions of providing sexual health information to their congregants in Flint, Michigan. Worked with me Fall 2017 – Spring 2018 on various research efforts, including literature reviews for HIV treatment disparities.
3. Yasmine Habba, Fall 2018 - Spring 2019. Worked with me on data analysis for investigation of financial barriers faced by kidney transplant patients in Dallas, Texas.
4. Brian Bathan, Fall 2018 - Spring 2019. Worked with me on data analysis for investigation of financial barriers faced by kidney transplant patients in Dallas, Texas.

Undergraduate Students

5. Yasmine Habba, Internship Preceptor for Bloustein School of Planning and Public Policy, Undergraduate Professional Practice Internship. Spring 2020. Worked with me to support coding interviews and analysis of medical records for kidney transplant patients.
6. Paul Murdock, University of Cincinnati College of Medicine, Medical Sciences Major, Worked with me since Summer 2016 on a Systematic Review of elders and minority use of technology for chronic disease self-management.
7. Jagpreet Jain, Internship Preceptor for Bloustein School of Planning and Public Policy, Undergraduate Professional Practice Internship. Spring 2017 – Spring 2018. Worked with me on literature reviews for health disparities for several projects.
8. Dimitrius Payton, Supervisor for Field Placement for Undergraduate Student at Mitchell College, Department of Law and Justice Policy Studies. Summer 2017. Supervised his senior internship in which he examined technology used to collect and use surveillance information to detect foreign or domestic threats.

Board of Directors Affiliations and Other Service

- Board Chair, Community Advisory Board, Dallas Cancer Disparities Research Coalition (2008 – 2012)
- Board Chair, Emerging Women Ministries, Dallas, Texas (2006 – 2007)
- Board Chair, La Sima Foundation, Substance Abuse support and HIV Counseling (2000 – 2005)
- Vice Chair, Justice Revival City Leaders Committee, Sojourners Justice Revival (2009)
- Board Member, National Kidney Foundation, Kidney Early Evaluation Program – KEEP (2010 – 2011)
- Member, Disparities Leadership Program, Massachusetts General Hospital (2012 – 2013)
- Member, District 3 Dallas County Commissioner, Public Health Advisory Council (2008 – 2012)
- Member, El Centro College Medical Assisting Program Advisory Board (2009 – 2012)
- Faculty Advisor, El Centro College Medical Assisting Program Student Club (2010 – 2012)
- Life Member, Alpha Phi Alpha Fraternity, Inc.
- Big Brother, Big Brothers Big Sisters of America (1994 – 2015)
- Instructor, Hutchins State Jail Faith Based Dorm prerelease health class (2009 – 2011)
- Mentor, Dallas Leadership Foundation Re-Entry program for Ex-Offenders (2008 – 2012)
- Mentor, Transition Resource Action Center – TRAC, youth foster program (2006 – 2015)
- Volunteer, United Way of Dallas Allocation Panel, Health and Family Services (2002–2009)
- Dallas Chamber of Commerce, Leadership Dallas 2004, Co-Chair, Health & Human Services Committee
- Member, Dallas Independent School District Superintendent Advisory Council (2002 – 2003)

Personal

- Physical Fitness, Shao-Lin Kung Fu
- Travel – visited and conducted research and business across the United States and in Central America, Europe, Asia, Africa, and Australia
- Classic cars, auto restoration, woodworking, reading biographies