# **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. Advisor, Tiffany C. Veinot. Committee Members: Julia Adler-Milstein, Caroline Richardson, Kai Zheng

M.S.W. Interpersonal Practice & Social Policy, Health

 *University of Michigan School of Social Work*, 2014

 Licensed Clinical Social Worker (LCSW)

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 Associate Professor (with Tenure), *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.

**Advanced Research / Instructional Training**

* Attendee, Pre-Conference workshop "Forming Science-Industry Research Collaborations" at the Gerontological Society of America (GSA) Annual 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

**Advanced Research / Instructional Training (continued)**

* 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

# **Research Grants Awarded (Total: $789,115)**

2022 – 2024 Mercury Project Research Grant ‘Combatting Health Misinformation And Disinformation: Building An Evidence Base’, Social Science Research Council (SSRC) "Developing a Scalable, Community-Driven Approach to Combatting COVID-19 Misinformation” PI ($481,000)

2022 – 2024 Rutgers University Global Health Institute Seed Grant, “Using Machine Learning to Examine Quality of Care - Analyzing Nursing Notes to Investigate Racial Inequity in Brazil” PI ($10,000)

2021 – 2022 Rutgers University COVID Impact on Scholarly Productivity Faculty Grant Program, ($5,000)

2021 – 2022 MIT Sloan School of Management, Health Systems Initiative (HSI) Research Fund, “Understanding and Reducing Racial Inequity for COVID-19 Vaccination.” Co-PI ($60,000)

2020 – 2021 *MLK Visiting Scholar*. MIT’s Sloan School of Management, PI ($149,797)

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)

# **Articles in Refereed Journals**

**\*** - indicates student or former student coauthor; **^** - indicates community partner coauthor

1. Adam H., Yang M. Y., Cato K., Baldini I., **Senteio C. R.**, Celi L., Zeng J., Singh M. & Ghassemi M. (2022) Write It Like You See It: Detectable Differences in Clinical Notes By Race Lead To Differential Model Recommendations. *AIES* *2022 - Proceedings of the 2022 AAAI/ACM Conference on AI, Ethics, and Society*.
2. **Senteio, C. R.**, & \*Murdock, P. J. (2022). The efficacy of health IT in supporting Black and Hispanic chronic disease patients: A Systematic Review. *Journal of Medical Internet Research*. (Q1, SNIP 1.19)
3. Osakwe Z. T., **Senteio C. R.**, Bubu O. M., Obioha C., Turner A., Thawani S., Fleur-Calixte R. S. & Jean-Louis G. (2021) Sleep Disturbance and Strain Among Caregivers of Persons Living With Dementia. *Aging Neurosci*. 13:734382. doi:10.3389/fnagi.2021.734382
4. Hotez, E., Hudson, S. Cho, A.; **Senteio, C. R.**, White, J.; Slaughter, D.; Hotez, P., & Chipley, Q., (2021). Addressing Disparities for Intersectional BIPOC Communities: The Hood Medicine Initiative Case Study. *EClinicalMedicine – The Lancet*.42. doi:10.1016/j.eclinm.2021.101199
5. **Senteio, C. R.**, & \*Ackerman, M. (2021). Count me out: Perceptions of Black Patients who are on Dialysis but who are not on a Transplant Waitlist. *Health Communication*. 14. doi: 10.1080/10410236.2021.1940017 (Q1, SNIP 0.96)
6. **Senteio, C. R.**, Soltow Hershey, D., ^Campbell, T. R., & \*Mandal, S. (2021). Intergenerational Technology Transfer: Enhancing African American Older Adults’ Self-Efficacy for Diabetes Self-Management*.* *Progress in Community Health Partnerships: Research, Education, and Action*. (Q2, SNIP 0.37)
7. **Senteio, C. R.**, \*Montague, K. E., ^Campbell, B., ^Campbell, T. R., & \*Seigerman, S. (2021). Addressing Underrepresentation and Racial Equity in LIS Research and Practice*.* *Education for Information* (37), 247-256. doi: 10.3233/EFI-211530 (Q2, SNIP 0.3)
8. **Senteio, C. R.**, \*Montague, K. E., \*Brody, S., & \*Matteucci, K. (2021). Fulfilling Information Needs by Classifying Complex Patron Needs*.* *Reference Services Review*. *49*(1), 39-54. doi:10.1108/RSR-07-2020-0047 (Q1, SNIP 0.81)
9. **Senteio, C. R.**, & Akincigil, A. (2020). Illuminating Racial Inequity in Diabetes Control: Differences based on Gender and Geography. *Journal of Racial and Ethnic Health Disparities*. *8*(3), 704-711. doi:10.1007/s40615-020-00830-7 (Q1, SNIP 0.50)
10. **Senteio, C. R.,** & \*Yoon, D. B. (2020). How Primary Care Physicians Perceive Patients Disclose Health Information – Access to Sensitive Psychosocial Information. *Qualitative Health Research*. *30*(9) 1338–1348. doi:10.1177/1049732320911630 (Q1, SNIP 1.57)
11. **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), 9. doi:0.1186/s12882-020-01720-0 (Q2, SNIP 0.79)
12. **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 (Q1, SNIP 0.75)
13. **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 (Q1, SNIP 1.83)
14. 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.
15. **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
16. **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 (Q3, SNIP 0.30)
17. **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 (Q1, SNIP 0.95)
18. **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 (Q2, SNIP 0.17)
19. 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 (Q1, SNIP 1.83)
20. Unertl, K., Schaefbauer, 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 (Q1, SNIP 1.83)
21. **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 (Q1, SNIP 1.57)
22. 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 (Q1, SNIP 2.21)
23. 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 (Q2, SNIP 0.37)
24. **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 (Q3, SNIP 0.30)
25. 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 (Q1, SNIP 2.86)
26. **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 (Q3, SNIP 0.27)
27. Walton, J. W., & **Senteio, C. R.** (2005). New laws protect volunteer physicians. *Dallas Medical Journal, 91*: 318-319

## Articles Under Review/Revision

1. **Senteio, C. R.**, Newton, C., Pennycook, G., & Rand, D. G. (2021, Submitted). Intragroup differences in COVID-19 vaccine attitudes among Black Americans. Manuscript submitted for Review on July 17th to *Social Science and Medicine*. Preprint <https://psyarxiv.com/r3vem> (Q1, SNIP 2.449)

## Articles In Preparation

1. **Senteio, C. R.**, Soltow Hershey, D., Campbell, T. R., & Mandal, S. (2022). *Promoting Technology Use for Older Adults: The Design of an Intervention to Support Black Diabetes Patients.* Manuscript in preparation to be submitted in October 2022.

# **Book Chapters Accepted**

1. Goulbourne, T., **Senteio, C. R.**, Greene, K., & Yanovitzky, I. (2021). Community-based Health Interventions. In T. L. Thompson & N. G. Harrington (Eds.), *The Routledge Handbook of Health Communication* (3rd ed.). Routledge.

## Book Chapters In Preparation

1. Valera, P., Threats, M., Correia, J. D., & **Senteio, C. R.** (2022) Prison and Telehealth. In J. T. Doswell, & D. L. Adams (Eds.), *Future of Consumer-Centered Telehealth: Beyond COVID-19*. Springer. Chapter submitted September 30, 2022.
2. **Senteio, C. R.** (2022) Personal Health Records (PHRs): Tools for Empowering Consumers in Care Management. In J. T. Doswell, & D. L. Adams (Eds.), *Future of Consumer-Centered Telehealth: Beyond COVID-19*. Springer. Chapter submitted September 30, 2022.

# **Selected Conference Presentations / Lectures**

## Refereed

1. *Tracking the impact of Roe v. Wade reversal using state-specific analysis*. **Senteio, C. R.***,* Talmont, E. Mc Bride, K., & Prakash, S. (2022). Global Abortion Roundtable presentation at the 2022 American Public Health Association (APHA) Annual Meet and Expo, Boston, MA, November 8, 2022
2. *“Louder for the People in the Back:” Amplifying Historically Marginalized Voices through Qualitative Research*. Montague, K. E., Ackerman, M., **Senteio C.R.** (2022) Association for Library and Information Science Educators (ALISE). Pittsburgh, Pennsylvania October 24-26, 2022.
3. *LIS and Social Work: From Current Issues to a Collaborative Future*, Dali, K., Lenstra, N., Ogden, L., **Senteio, C.R**., & Williams, R.D. (2022). Association for Library and Information Science Education (ALISE) Conference 2022: Juried Panel, Pittsburgh, Pennsylvania October 25, 2022
4. *Health Justice & Digital Health Equity*, Threats, M., McCall, T., **Senteio, C.R.**, Wang, K., & Gibson, A. Achieving Health Equity in a World of Data Conference, Hybrid Conference, Johns Hopkins University, Baltimore, Maryland, October 21-22, 2022
5. *Utilizing The Youth As Conduits for Breast Cancer Information and Awareness to Inform Older Adults in their Familial or Naturally-Occurring Social Networks*, Cheruvu, L., Kipp, L., & **Senteio, C.R.** (2022) Community Engaged Scholarship (CES) Symposium: Best Practices to Achieve Health Equity, Rutgers Academic Building, Poster Presentation, June 14, 2022
6. *LIS and Social Work: Intersecting pasts, a shared future*, Lenstra, N., **Senteio, C.R**., Dali, K., Baluk, K.W., & Esposito, A. (2022). Canadian Association for Information Science (CAIS)/ l’Association canadienne des sciences de l’information (ACSI) Conference 2022: 100 Years of Information Science: Understanding the Past and Building the Future, Workshop, June 7 – 10, 2022 ([online](https://www.cais2022.ca/))
7. *Assessing agility and terminology rigor of the development method used to create the Omaha System Guidelines COVID-19 response mobile application*.Rodriguez, M. R., **Senteio, C. R.***,* & Monsen, K. A. (2021). Health Informatics Information Technology (HIIT) Poster Session (#PS1032.1) at the 2021 American Public Health Association (APHA) Virtual and In Person Meeting and Expo, October, 24-27, 2021
8. *Refining LIS Curriculum: Engaging Communities through Resilient Relationships.* Montague, K. E., & **Senteio, C. R.** (2021) Poster presented at the 2021 Association of Library and Information Science Education (ALISE) Conference, Virtual, September 20-24, 2021
9. *Technology-based health communication interventions: Engaging with health equity through interdisciplinary partnerships.* **Senteio, C. R.**, & Magsamen-Conrad, K. (2021). Paper presented at the annual International Communication Association conference (Health Communication Division) Paris, France, May 27 – 31, 2021
10. *Addressing barriers to health information: Using health IT to facilitate access to health information*. **Senteio, C. R.***,* Vivar, T., & Roman, K. (2020). Health Informatics Information Technology (HIIT) Poster Session: Addressing Fraud/Abuse in the Healthcare System, Barriers with EHRs in the Military, Problem Use of Mobile Phones, Collection of Data Analytics, and Social Network-Bullying Behavior COVID-19 at the 2020 American Public Health Association (APHA) 2020 Virtual Meeting and Expo, October 24 – 28, 2020
11. *Engaging underserved patients in health IT design: A technology-enabled prostate cancer decision aid for African American patients*. **Senteio, C. R.***,* & Roman, K. (2020). Health Informatics Information Technology (HIIT) Virtual Roundtable – Creating the Healthiest Nation: HIT Applications to Improve Health, Public Health Programs and Services; Reach Underserved Groups; And Respond to Public Health Crises at the 2020 American Public Health Association (APHA) 2020 Virtual Meeting and Expo, October 27, 2020
12. *Fulfilling information needs by classifying complex patron requests*. Montague, K. E., Brody, S., Matteucci, K., & **Senteio, C. R**. Poster presentation at the Association of Library and Information Science Education (ALISE) Conference, Virtual, October 14 – 22, 2020.
13. *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
14. *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
15. *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
16. *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., & Schrading, L. (2019). Roundtable presentation at the 2019 American Public Health Association (APHA) Annual Meet and Expo, Philadelphia, PA, November 5, 2019
17. *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
18. *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
19. *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
20. *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
21. *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
22. *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
23. *Count me Out: Investigating Perceptions of African Americans on Dialysis Who Are Not on a Kidney Transplant Waitlist,* **Senteio, C. R.,** Roundtable presentation at the 2018 American Public Health Association (APHA) Annual Meet and Expo, San Diego, CA, November 12, 2018
24. *Technology designed for elders to support chronic disease self-management: A systematic review*. **Senteio, C. R.,** & Murdock, P. J.Poster Presentation, American Medical Informatics Association (AMIA) 2018 Annual Symposium, “Data, Technology, and Innovation for Better Health”, San Francisco, CA, November 5, 2018
25. *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
26. *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
27. *Towards Meaningful Engagement: Challenges and Opportunities to Facilitating Information Flow and Use to Support Health and Wellness*, **Senteio, C. R.**,& Wolf, C., Workshop Proposal Selected for the 2018 iConference, “Transforming Digital Worlds” Sheffield, UK, March 25, 2018
28. *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
29. *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
30. *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
31. *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
32. *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
33. *Psychosocial Information: Supporting Clinical Decisions to Enable Personalized Diabetes Care*. **Senteio, C. R.** Research poster selected for presentation at the 2016 American Public Health Association (APHA) Annual Meet and Expo, Denver, CO, November 1, 2016
34. *YOUR Blessed Health: Community health worker informed framework for mobilizing faith leaders to address HIV incidence*. **Senteio, C. R.** Research paper selected for presentation at the 2016 American Public Health Association (APHA) Annual Meet and Expo, Denver, CO, October 31, 2016
35. *Psychosocial Factors In Diabetes Care*. **Senteio, C. R.** 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
36. *Psychosocial Factors In Diabetes Care*. **Senteio, C. R.** 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
37. *Psychosocial Factors In Diabetes Care*. **Senteio, C. R.** Selected for 7th Doctoral Consortium on Sociotechnical Issues in Biomedical Informatics, American Medical Informatics Association (AMIA), Washington DC, November 15, 2014
38. *Social work activism and racial politics: A historical look at racial integration of the National Conference of Social Work, 1935-37.* **Senteio, C. R.** 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
39. *Investigating the use of health information in support of vulnerable patients.* **Senteio, C. R.** 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
40. *Using health information to support chronic care delivery for vulnerable patients.* **Senteio, C. R.** 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
41. *Care Management: Improving health and reducing costs for vulnerable patients.* **Senteio, C. R.** Presentation selected for the AGEP/Rackham Summer Institute 2011 Research Symposium, Ann Arbor, MI, August 9, 2011
42. *Improving care delivery for chronic kidney disease patients*. **Senteio, C. R.** Research poster selected for presentation at the AGEP/Rackham Summer Institute 2011 Research Symposium, Ann Arbor, MI, August 9, 2011

# **Selected Conference Presentations / Lectures**

## Invited

1. *Praxis, Intervention, and Future Directions*. Panelist (and Conference Co-Organizer), Diversity, Equity, and Inclusion in Patient Engagement and Healthcare Communication Symposium, Heldrich Hotel & Conference Center, New Brunswick, NJ, October 14th, 2022.
2. Communic(action) in Health – Micro and Macro Body Expressions Symposium, Communication in health - Flows, expressions and Information Technology in health care– June 30th, 2022, Federal University of the State of Rio de Janeiro/Brazil (<https://www.youtube.com/watch?v=KeFwrVRd-kg> - my talk starts at 54:30)
3. *Faith Leaders and COVID,* Prophetic Activism – From the Cross to the Community, Pastoral Grief and Trauma During the Age of COVID, United Theological Seminary, Dr. D. Anthony Everett, Facilitator and Faculty Mentor, Zimmerli Art Museum at Rutgers University, April 6, 2022.
4. *Disrupting Health Disparities, Thinking Critically about Race,* Panelist, Black Bodies, Black Health Workshop, Rutgers Institute for the Study of Global Racial Justice, March 30, 2022.
5. *Interprofessional Hospice Case Conference for Faculty, 2022,* Invited Facilitator. Rutgers Biomedical and Health Sciences (RBHS), Patricia Findley, PhD, LCSW, RBHS Interprofessional Planning Team, March 28, 2022.
6. *Health Equity, Faith, and the Pandemic,* **Senteio, C.R.,** InvitedGuest Lecture for the course ‘Race, and the COVID-19 Pandemic,’ The Theological and Graduate Schools of Drew University, Dr. Arthur L. Pressley, PhD, Associate Professor of Psychology and Religion, March 24, 2022.
7. *Health Equity and COVID-19,* **Senteio, C.R.**,Featured Speaker, 3rd Annual Historical Black Colleges and Universities (HBCUs) Eradicated Economic & Health Disparities Conference (HEEHD) Webinar, Safeguarding Children During COVID-19, March 31, 2022.
8. *Novel Approaches to Address Health Equity –The Influence of Perceptions on Health Behavior*, **Senteio, C. R.**, Invited Speaker/Subject Matter Expert, Pfizer Chief Medical Office, 2022 Grand Rounds Lecture Series, March 3, 2022.
9. *Misinfo Megacast, The Unbiased Science Podcast Gangstagrass TeamStream & Let’s Get FACTSinated!*, **Senteio, C. R.**, Invited Panelist/Subject Matter Expert, January 24, 2022.
10. *Mind, Body and Soul of the Faith Leader in the Urban Environment,* **Senteio, C. R.**,Invited Panelist, New York Theological Seminary, Practical Church Leadership in a Season of Crises (MRL 2242), Rev. Dr. Alfred Johnson, January 11, 2022.
11. *Novel Approaches to Address Health Equity – Describing the Influence of Perceptions on Health Behavior,* **Senteio, C. R.**, Invited Lecture, Indiana University School of Public Health Department of Health and Wellness Design, Distinguished Speaker Series, Bloomington, Indiana December 8, 2021.
12. *Persistent Challenges to Address Health Equity – Use of Social Determinants of Health (SDOH) to inform Clinical Decisions,* **Senteio, C. R.,** Invited Keynote Presentation, MIT Virtual Hackathon, November 12, 2021.
13. *Novel Use of Health Information to Promote Equitable Outcomes*, **Senteio, C. R.,** Invited Lecture, Emory University School of Medicine, Grand Rounds, June 23, 2021. <https://gradyhealth.webex.com/recordingservice/sites/gradyhealth/recording/97065af5a6b31039bece00505681e6c2/playback>
14. *Health Equity and Aging:* *Community-based Health Informatics & Technology Design,* **Senteio, C. R.,** Invited Speaker, MIT AgeLab-hosted speaker series on the intersection of age, race, and ethnicity in longevity planning, May 19, 2021.
15. *Emerging Approaches to Actualize Racial Health Equity*, **Senteio, C. R.,** Invited Lecture, MIT Medical, May 7, 2021.
16. *Racial Inequity for COVID-19 Vaccination and Misinformation*, **Senteio, C. R.**, & Rand, D., Invited Lecture, MIT Sloan ‘Drink from the Firehose’ session, March 26, 2021.
17. *Understanding and Reducing Racial Inequity for COVID-19 Vaccination*, **Senteio, C. R.,** Invited Lecture, Yale School of Medicine’s Department of Child Study Center, Grand Rounds, March 23, 2021.
18. *Human aspects of Predictive Intelligence for Pandemic Prevention (Human PIPP),* Moderator, NSF Collaborative Research: PIPP, Theme 4: Social, Behavioral, and Policy Obstacles and Supports, March 22-23, 2021.
19. *Enhancing AI tools to promote health equity by investigating how the patient-provider relationship influences health behavior*, **Senteio, C. R.,** Invited Lecture, MIT Sloan School of Management, Health Systems Initiative (HSI) Lunchtime Seminar, March 18, 2021 <https://youtu.be/dGSDqrCDvOw>
20. *Algorithmic Bias in Healthcare: What Every Information Professional Needs to Know,* Master of Information Colloquium, Panelist, February 24, 2021.
21. *We’re Not The Problem: How Scientists Use Data to Find out the Reasons BIPOC don’t Trust the Medical System,* **Senteio, C. R.** Panelist, Facebook Live, HoodMed Chats Do No Harm Series, February 23, 2021.
22. *Addressing Health Inequity through Information Technology,* **Senteio, C. R.,** Invited Lecture, MIT MLK Visiting Scholar Talk. January 26, 2021 <https://youtu.be/mRjIMN0eJJQ>
23. *COVID-19 Health Inequities + Mistrust,* **Senteio, C. R.,** Expert*,* #MITSloanExperts COVID-19 Health Inequities Twitter Chat hosted by Caitlin Owens (Axios)*,* January 15, 2021
24. *Mind, Body and Soul of the Faith Leader in a Season of Crisis,* Invited Panelist, New York Theological Seminary, Practical Church Leadership in a Season of Crises (MRL 2242), Rev. Dr. Alfred Johnson, January 12, 2021
25. *Equitable Care and COVID-19: Understanding and Addressing Challenges of Medical Mistrust and Misinformation*, **Senteio, C. R.,** Invited Guest Lecture, Rowan University School of Osteopathic Medicine, DEI Grand Rounds Session, December 9, 2020 [https://rowan.mediaspace.kaltura.com/media/1\_gyug06f9](https://nam02.safelinks.protection.outlook.com/?url=https%3A%2F%2Frowan.mediaspace.kaltura.com%2Fmedia%2F1_gyug06f9&data=04%7C01%7Ccharles.senteio%40rutgers.edu%7Ce1b1a63f982c4ecbcb6508d89d38f5e2%7Cb92d2b234d35447093ff69aca6632ffe%7C1%7C0%7C637432215275672079%7CUnknown%7CTWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzIiLCJBTiI6Ik1haWwiLCJXVCI6Mn0%3D%7C1000&sdata=kJoKsJn7fMAQ%2B2L5PgZ08wt9b%2BOlgf%2B4Fgm%2FrHg0Xq4%3D&reserved=0)
26. *Health Inequity and Quality,* **Senteio, C. R.,** Invited Guest Lecture, The American Healthcare System (HMGT 6320), Masters in Health Administration Program, James Walton, DO, MBA, The University of Texas at Dallas, October 7, 2020
27. *Healthcare and Public Health.* 4th Annual “On The Move One Voice Africa" Cybersecurity in the Diaspora Virtual Town Hall. Global African Business Association, part of the 2020 Congressional Black Caucus think tank. Invited Panelist, October 1, 2020.
28. *Fireside Chat: How to Foster Public Health Innovation Without Racism.* Pre Hackathon Workshop for the “MIT Hacking Racism in Healthcare” Hackathon, Invited Panelist, September 27, 2020, <https://www.youtube.com/watch?v=MbwhFaENZBw&feature=youtu.be>
29. *Vaccines don't make us safe, Vaccinations do: How misinformation helps inflame centuries of mistrust among racial minority groups which may reduce intent to receive a COVID-19 vaccine*. **Senteio, C. R.,** Rutgers Institute for Quantitative Biomedicine (IQB) Working Group: Communications and [Mis]Information, September 21, 2020, <https://www.youtube.com/watch?v=xW9WJZXbe9A><https://youtu.be/xW9WJZXbe9A?list=PLO0w69DFSzeCZK4JfWoq6pkXfOpyqgps3>
30. *Healthcare, Technology, and Social Justice Converge - Applied Equity Research and Why It Matters to All of Us*, **Senteio, C. R.,** Rutgers University Alumni Association Virtual Event, August 25, 2020, [https://www.youtube.com/watch?v=6FiNL0yaf7Y](https://nam02.safelinks.protection.outlook.com/?url=https%3A%2F%2Fwww.youtube.com%2Fwatch%3Fv%3D6FiNL0yaf7Y&data=02%7C01%7Ccharles.senteio%40rutgers.edu%7Ca16e75e7c0354b21cc0d08d85bf15c52%7Cb92d2b234d35447093ff69aca6632ffe%7C1%7C0%7C637360439471430151&sdata=XUhge9AQGWaK7orCCE3niYXtPlmqgMFHWZI2bsQyYv8%3D&reserved=0)
31. *Destigmatizing and Reframing: Mental Health in Higher Education,* Lead Discussant, TwitterChat, #SDPIChat, Rutgers Graduate School of Education, Samuel DeWitt Proctor Institute for Leadership Equity and Justice, July 30, 2020
32. *Health and Wealth: What do We Demand? Invited Panelist,* Beyond the Façade Webcast*,* Dr. Christine Thorpe, June 28, 2020 [https://event.webinarjam.com/t/click/krg4gf3i0i0xs53h3wfgkap](https://nam02.safelinks.protection.outlook.com/?url=https%3A%2F%2Fevent.webinarjam.com%2Ft%2Fclick%2Fkrg4gf3i0i0xs53h3wfgkap&data=02%7C01%7Ccharles.senteio%40rutgers.edu%7Ccae87e3f1b0049fa61a508d81c846013%7Cb92d2b234d35447093ff69aca6632ffe%7C1%7C1%7C637290702167164541&sdata=RewYUjadtFULR1PrMYv%2F7wwGSR2Cs81iMDhaJeZAvyw%3D&reserved=0)
33. *Prostate cancer treatment selection racial inequity,* **Senteio, C. R.,** Invited Flash Talk Presentation, Anita Kinney, PhD, Director Center for Cancer Health Equity, 2020 Retreat, June 25, 2020
34. *Health Informatics and Social Determinants,* **Senteio, C. R.,** Invited Guest Lecture, Informatics Nurse Specialist (INS) Spring Seminar (NINF-5415), Melinda Jenkins, PhD, Rutgers School of Nursing, February 6, 2020
35. *Health Informatics Equity Research*. **Senteio, C. R.,** Invited Guest Lecture, Indiana University School of Informatics, Computing & Engineering, Introduction to Data Science (I400), Devan Donaldson, PhD, May 22, 2019
36. *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>
37. *Engaging with Diverse, Underrepresented Communities – Session 2 of 2.* **Senteio, C. R.,** Invited Presenter, Robert Wood Johnson Foundation, Princeton, NJ, December 5, 2018
38. *Engaging with Diverse, Underrepresented Communities – Session 1 of 2.* **Senteio, C. R.,** Invited Presenter, Robert Wood Johnson Foundation, Princeton, NJ, November 8, 2018
39. *Prototyping emerging technology to support underserved patients.* **Senteio, C. R.,** IBM Research – Almaden, San Jose, CA, November 1, 2018
40. *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
41. *Community Health Informatics: Using intelligent machines to address persistent health disparities by facilitating information exchange.* **Senteio, C. R.,** IBM T.J. Watson Research Center, Health Informatics Professional Interest Communities (PIC) Distinguished Speaker Series, Yorktown Heights, NY, July 19, 2018
42. *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
43. *Public Scholarship*. Panelist for Seminar at the Consortium for the Science of Sociotechnical Systems Conference (CSST), Ann Arbor, MI, July 1, 2018
44. *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
45. *Health Informatics Overview,* **Senteio, C. R.,** Invited Guest Lecture, Informatics Nurse Specialist (INS) Spring Seminar (NINF-5415), Melinda Jenkins, PhD, Rutgers School of Nursing, Newark, NJ, March 1, 2018
46. *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
47. *ViRi Overview – Investigating How to Leverage Emerging Technologies to Improve Health Outcomes for Vulnerable Populations.* **Senteio, C. R.,** 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
48. *Addressing Barriers to Care for Vulnerable Populations – Intergenerational Diabetes Knowledge Transfer*. **Senteio, C. R.,** Research presentation accepted for the Resource Centers on Minority Aging (RCMAR) –Annual Investigators Meeting, San Francisco, CA, April 13, 2017
49. *Research Methods for Community Health Informatics Investigations*. **Senteio, C. R.,** Invited Guest Lecture, University of Michigan School of Information, Research Methods for Special Populations (UMSI-710), Tawanna Dillahunt, PhD, April 10, 2017
50. *Psychosocial Information and Diabetes Care.* **Senteio, C. R.,** 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
51. *The Importance of Multicultural Competence in Research.* **Senteio, C. R.,** Invited presentation for the University of Michigan Undergraduate Research Opportunity Program (UROP). Ann Arbor, MI, January 26, 2016
52. [*Trying to Make Things Right: Adherence Work in High-Poverty, African American Neighborhoods*](http://cas.msu.edu/events/trying-to-make-things-right-charles-senteio/)*.* **Senteio, C. R.,** Michigan State University Trifecta Journal Club, East Lansing, MI, November 3, 2015
53. *Delivering Effective Academic Presentations*. **Senteio, C. R.,** Seminar for Masters Students in Research Experience for Undergraduate Students (REMS), University of Michigan School of Information, Ann Arbor, MI, August 5, 2015
54. *Using Psychosocial Information to Improve Health Outcomes.* **Senteio, C. R.,** 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
55. *Transitioning from Incarceration and Healthcare services.* **Senteio, C. R.,** Invited lecture to incarcerated men, Hutchins State Jail (Texas), Hutchins, TX, May 14, 2015
56. *Multicultural Issues in Research.* **Senteio, C. R.,** Invited presentation for the University of Michigan Undergraduate Research Opportunity Program (UROP). Ann Arbor, MI, February 10, 2015
57. *Orientation for New Graduate Student Mentors.* **Senteio, C. R.,** Invited Speaker, Ann Arbor MI, August 21, 2014
58. *How To Give Effective Presentations.* **Senteio, C. R.,** Invited presentation for the University of Michigan School of Information Research Experience for Undergraduates (REU), Ann Arbor, MI, July 10, 2014
59. *Rackham Merit Fellowship Orientation Welcome.* **Senteio, C. R.,** Rackham Graduate School, University of Michigan, Ann Arbor, MI, July 6, 2014
60. *Approaches to Social Justice Activism – Segregation, Integration, and the National Conference of Social Work*. **Senteio, C. R.,** 11th Annual Yale Bouchet Conference on Diversity and Graduate Education, New Haven, CT, March 28, 2014
61. *Trying to Make Things Right: Adherence Work in High-Poverty, African American Neighborhoods*. **Senteio, C. R.,** 11th Annual Yale Bouchet Conference on Diversity and Graduate Education, New Haven, CT, March 28, 2014
62. *Multicultural Issues in Research.* **Senteio, C. R.,** Invited presentation for the University of Michigan Undergraduate Research Opportunity Program (UROP). Ann Arbor, MI, February 11, 2014
63. *Building Research Agenda - Translating Research into Practice.* **Senteio, C. R.,** Invited presentation for the University of Michigan Undergraduate Research Opportunity Program (UROP). Ann Arbor, MI, November 5, 2013
64. *Health Informatics Overview, Moving from Success to Significance**.* **Senteio, C. R.,**Invited speech, University of Michigan School of Information 2013 Convocation, Ann Arbor, MI, September 6, 2013. Video: <http://www.youtube.com/watch?v=1PjkEltwDSo>
65. *Effective Presentations.* **Senteio, C. R.,** Invited presentation for the University of Michigan School of Information Research Experience for Undergraduates (REU), Ann Arbor, MI, July 10, 2013
66. *Focus Your Inner CEO/Entrepreneur.* **Senteio, C. R.,** Invited presentation at the Sesi Midwestern Regional Entrepreneurship Conference, Eastern Michigan University, Ypsilanti, MI, February 10, 2012
67. *Care Management and Health Disparities*. **Senteio, C. R.,** Invited Lecture, Ross School of Business, Comprehensive Healthcare Strategy (BA 523), Dr. David Butz, Ann Arbor, MI, February 9, 2012
68. *Case Interview Workshop.* **Senteio, C. R.,** University of Michigan Graduate Consulting Club, Ann Arbor, MI, October 6, 2011
69. *Influencing adherence: relationships of influence and providing better care*. **Senteio, C. R.,** Invited Lecture, DaVita Dialysis Center Social Workers, Dallas, TX, June 3, 2011
70. *Influencing adherence: Using relationships of influence to provide better car*e. **Senteio, C. R.,** Invited Lecture, FMC Dialysis Center, Dallas, TX, May 19, 2011
71. *Relationships of Influence*. **Senteio, C. R.,** Invited Lecture, National Kidney Foundation Council of Nephrology Social Workers, Dallas, TX, May 10, 2011
72. *Effective resources supporting healthy sexual behavior in formerly incarcerated persons (FIP)*. **Senteio, C. R.,** Invited Lecturer/Faculty, 2010 Black Psychiatrists of America Annual Transcultural Conference, St. Thomas, United States Virgin Islands, November 12, 2010
73. *Healthcare reform and the expanding role of medical assistants*. **Senteio, C. R.,** Invited Lecture, Texas Society of Medical Assistants Executive Meeting and Educational Conference, Plano, TX, August 21, 2010
74. *Overcoming barriers to community-academic partnerships.* **Senteio, C. R.,** 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
75. *Providing services for the elderly*. **Senteio, C. R.,** Invited Lecture, University of North Texas (UNT) at Dallas, Applied Gerontology (AGER 4780), Aging Programs/Services, Maudia Gentry, PhD, Dallas, TX, March 29, 2010
76. *Case management in practice: Dealing with challenges*. **Senteio, C. R.,** Invited Lecture, UNT Dallas, Applied Gerontology (AGER 4500), Case Management for the Elderly, Maudia Gentry, PhD, Dallas, TX, March 3, 2010
77. *Finding your leadership voice.* **Senteio, C. R.,** Invited Lecture, National Network of Health Career Programs in Two Year Colleges, Dallas, TX, October 2, 2009
78. *Dreams from my father*. **Senteio, C. R.,** Invited Lecturer/Moderator, Central Dallas Ministries Urban Engagement Book Club, Dallas, TX, April 26, 2009
79. *Medical assistant interview workshop*. **Senteio, C. R.,** Invited Lecture, El Centro College Center for Allied Health, Health and Legal Studies, Dallas, TX, February 26, 2009
80. *Affordable prescription medication*s. **Senteio, C. R.,** Invited Lecture, Lone Star Association of Charity Clinics, Annual Conference, Austin, TX, January 30, 2009

# **Teaching**

## Instructor of Record (31 semesters)

* Community Engaged Scholarship (ITI), Rutgers University Rutgers University, School of Communication and Information, Fa2022
* Health Informatics (ITI), Rutgers University, School of Communication and Information, Fa2022, Sp2022
* Community Engaged Scholarship to Support Health and Wellness – The Role of Information in Addressing HIV/STIs, Rutgers University Byrne Seminar (1 credit), Fa2021
* Management Principles of Information Organizations (MI570), Rutgers University, School of Communication and Information, Sp2019 (2 sections), Fa2018 (2 sections), Sp2018 (2 sections), Fa2017, Sp2017, Fa2016
* Management of Information Organizations (ITI210), 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

## Students Supervised

Doctoral Advisor

1. Matthew Ackerman (Library and Information Science) (co-author) Master of Information Graduate, 2019, School of Communication and Information
2. Kaitlin Montague (Library and Information Science) (co-author) Master of Information Graduate, 2017, School of Communication and Information

Doctoral – Committee

1. Kevin Wang (Communication) – Dissertation Committee Member. Expected 7/2023.
2. Taylor Goulbourne (Communication) – Dissertation Committee Member. 9/22/2022.
3. Fernanda de Nazaré Almeida Costa (Federal University of Rio De Janeiro, Brazil, Health Sciences Center, Anna Nery School of Nursing) – Dissertation Committee Member. “Gamified care-educational technology: validation for use with adolescents adapting to hemodialysis.” Doctoral thesis project update presented 7/1/2022.
4. Deborah Yoon (Communication) (co-author) – Dissertation Committee Member. 3/24/2022.
5. Lidiane Passos Cunha (Federal University of Rio De Janeiro, Brazil, Health Sciences Center, Anna Nery School of Nursing) – Dissertation Committee Member. 12/2021.
6. Connie Pascal (Library and Information Science) – Dissertation Committee Member. 9/29/2020.
7. Amanda Carpenter (Communication) – Dissertation Committee Member. 9/26/2017.

Doctoral – Member of Qualifying Exam Committee (Written and Oral)

Maria Ortiz-Myers (Library and Information Science), 10/18/2021.

Yiwei Wang (Library and Information Science) (co-author), 10/19/2017.

William Bejarano (Library and Information Science), 9/17/2019.

## Students Supervised for Independent Studies and Other Research Works

Doctoral Students

1. Lauren Manley. PhD student, Rutgers School of Social Work, Field Placement Supervisor for placement at the VNA/Hackensack Meridian Research Project, Spring 2022 – Fall 2022.
2. Clara Sher. PhD student, Rutgers School of Social Work, Field Placement Supervisor for a research field placement with Emily Greenfield, Spring 2022 – Fall 2022.
3. Maria Ortiz-Myers. PhD student in Library and Information Science. Spring 2020. Supervisor for Research Practicum
4. Soumik Mandal. (co-author) PhD student in Library and Information Science. Fall 2017 – Fall 2018. Worked with me to support quantitative analyses and reporting results.
5. Deborah Yoon. (co-author) PhD student in Communication. Summer 2017 - present. Worked with me to support qualitative analyses and results reporting results.

Masters Students

1. Marsha Gauntlett-Kirby, Master of Social Work Student, Rutgers School of Social Work, Field Placement Supervisor at the East Brunswick (NJ) Public Library, Fall 2022
2. Georgina Duker, Master of Social Work Student, Rutgers School of Social Work, Field Placement Supervisor at Rutgers Department of Residence Life, New Brunswick, New Jersey, Fall 2022
3. Jinling Quan, Master of Social Work Student, Rutgers School of Social Work, Field Placement Supervisor at Rutgers Office of Global Social Work Programs, New Brunswick, New Jersey, Fall 2022
4. Clayton Walton, Master of Social Work Student, Rutgers School of Social Work, Field Placement Supervisor at the Rutgers School of Social Work International Leadership Exchange, Newark, New Jersey, Fall 2022
5. Maria A. Guevara Carpio, Master of Social Work Student, Rutgers School of Social Work, Field Placement Supervisor at Rutgers Department of Residence Life, New Brunswick, New Jersey, Fall 2022
6. Arnab Ashes Sanyal, Master of Science in Computer Science (MSCS) student, Rutgers School of Arts and Sciences, Supervising him as a Research Assistant, Data Science/Machine Learning, Fall 2022
7. Samantha Seigerman, Master of Social Work Student, Rutgers School of Social Work, Field Placement Supervisor at the East Brunswick (NJ) Public Library, 2020 – 2021
8. Tyreek Houston, Master of Information Graduate, School of Communication and Information, Supervising his Independent Study on Awareness and Usage of Massive Open Online Courses (MOOCs), 2020 - 2021
9. Sandra Burstyn, Master of Social Work Student, Rutgers School of Social Work, Field Placement Supervisor at the East Brunswick (NJ) Public Library, 2018 – 2020
10. Kaitlin Montague, (co-author) 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.
11. Jeet Devang Sanghavi, Master of Information Technology & Analytics Student, Rutgers Business School, Newark. Fall 2018. Worked with me to support my project team examining elders’ adoption and use of technology using R and Tableau for the National Health and Aging Trends Study (NHATS).
12. 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).
13. 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).
14. 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).
15. 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.
16. Kristen Matteucci, (co-author) 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.
17. 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 Schrading, 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. Yassmine Habba, Fall 2018 - Spring 2019. Worked with me on data analyses 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 – Rutgers University School of Social Work Field Placement Supervisor

1. Lauren Gayoso-Acuna, Fall 2021 – Spring 2022. Field Placement Supervisor at Elijah’s Promise (NJ) a non-profit organization which helps break the cycle of poverty through food and nutrition, New Brunswick, New Jersey.
2. Jessica Greene, Fall 2021 – Spring 2022. Field Placement Supervisor at Elijah’s Promise (NJ) a non-profit organization which helps break the cycle of poverty through food and nutrition, New Brunswick, New Jersey.
3. Athena McDowall, Fall 2021 – Spring 2022. Field Placement Supervisor at Elijah’s Promise (NJ) a non-profit organization which helps break the cycle of poverty through food and nutrition, New Brunswick, New Jersey.
4. Valentina Gil, Fall 2021 – Spring 2022. Field Placement Supervisor at New Brunswick Tomorrow (NJ) a non-profit organization which helps improve lives through education, employment, food, health, housing, and safety, New Brunswick, New Jersey

Undergraduate Students – Other Research Activity

1. Laramie Kipp (conference co-presenter). Student who took the Byrne Seminar “Engaged Scholarship” course I taught in Fall 2021. Decided to work together beginning in Spring 2022 to gain research experience.
2. Lasya Cheruvu (conference co-presenter). Student who took the Byrne Seminar “Engaged Scholarship” course I taught in Fall 2021. Decided to work together beginning in Spring 2022 to gain research experience.
3. Yassmine 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.
4. Paul Murdock, (co-author) 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.
5. 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.
6. 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.

# **Service**

## Department (LIS)

* Member, Library and Information Science (LIS) Research Development Committee 2019 – 2020
* Mentor, Consortium for the Science of Sociotechnical Systems (CSST), 2019 CSST Summer Institute, June 18-22, 2019, New Brunswick, New Jersey
* SC&I Research Development Committee Chair for LIS Department, 2017 – 2019
* Member, Faculty Search Committee (LIS), 2017 – 2018

## School (SC&I)

* Participant, 1st Joint e-Symposium: Combating Discrimination in Healthcare & Fighting Health Disparities in Greece and the U.S.A., May 27, 2021
* *Algorithmic Bias in Healthcare: What Every Information Professional Needs to Know,* Master of Information Colloquium, Panelist, February 24, 2021
* Member, SC&I Committee for Master’s in Health Communication and Information (MHCI), 2017 –
* *Media Depiction of Social Activism*, Black History Month School of Communication and Information (SC&I) Panel Discussion, Douglass Student Center, February 17, 2020
* *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>
* *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>
* *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

## University (Rutgers)

* Member, Rutgers Population Health Consortium, Fall 2022
* Member, Rutgers Biomedical and Health Sciences (RBHS)/Rutgers Global Health Institute (RGHI) Faculty Search Committee, Health Equity, Social Justice and Population Health. Fall 2022; Fall 2021
* Core Faculty Member, Rutgers Global Health Institute, Spring 2020 – present
* Associate Member, Rutgers Cancer Institute of NJ, Cancer Prevention and Control Program, 2019 – present
* Member of Mentoring Executive Committee (MEC) for the Rutgers Connection Network (RCN) Mentoring Program for faculty and postdocs, 2019- present
* Member Medical Advisory Board (MAB) of the Robert Wood Johnson (RWJ) Fitness & Wellness Center, an affiliate of the RWJ University Hospital, 2018 – present
* Member, Strategic Planning Workgroup on Health Equity, Rutgers Institute for Health, Health Care Policy and Aging Research, Spring 2019 - present
* Member, Faculty Advisory Board on Diversity and Teaching, Vice Chancellor Undergraduate Academic Affairs, 2018 –2019
* Faculty Member, LGBTQA Faculty/Staff Liaison Network, 2017 – present
* Campus Champion, Price Family Fellows Program, Institute for Families, Rutgers SSW, 2019 – present
* Steering Committee Founding Member, Rutgers Health Equity Academic Research (RU-HEAR) 2017– present
* Faculty Mentor, 2021 Global Health Case Competition, Rutgers Global Health Institute Team
* Faculty Mentor, Rutgers Connection Network (RCN) Mentoring Program, 2017 – 2019
* Faculty Mentor, [Mandela Washington Fellowship program](https://comminfo.rutgers.edu/news/assistant-professor-charles-senteio-hosts-mandela-washington-fellow), 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

## Field (Health Informatics/Equity)

* Review Committee Member, NLM Special Emphasis Panel (SEP) Funding Opportunity, “Short-Term Research Education Experiences to Attract Talented Students to Biomedical Informatics/Data Science Careers and Enhance Diversity”, July 28, 2022
* Standing Member of the NIH-NLM Biomedical Informatics, Library and Data Sciences (BLR) Review Committee, July 1, 2021 – June 30, 2025
* Member of the NIH-NLM Special Emphasis Panel (SEP) Review Committee for the “Short-Term Research Education Experiences to Attract Talented Students to Biomedical Informatics/Data Science Careers to Enhance Diversity” (RFA-LM-22-001) Funding Opportunity, July, 2022
* Chair-Elect, American Public Health Association (APHA) Health Informatics Information Technology (HIIT) Section, 2022 - 2023
* Co-Chair, iSchools Black Coalition, 2022 -
* Membership Chair, American Public Health Association (APHA) Health Informatics Information Technology (HIIT) Section, 2018 – 2022
* Member, Advisory Board, Jazz for Prostate Cancer Awareness, 2021 – present
* Member, Advisory Board, Hood Medicine Initiative, 2021 – present
* Peer Mentor, NYU Langone Health Center for Healthful Behavior Change Training program, Ninth cohort - Summer 2021
* Member, Expert Panel for the MIT AgeLab “AI & Longevity” project. 2020 – present
* Advisory Board Member & Judge, “MIT Hacking Racism in Healthcare” Hackathon, October 15-18, 2020
* Research Mentor (3 students), U of Michigan Undergrad Research Opportunity Program (2013–2015)
* 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)
* Reviewer:
	+ *Journal of Racial and Ethnic Health Disparities,* 2020—;
	+ *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 – ;
	+ *Journal of Healthcare Informatics Research*, 2018 – ;
	+ ASIS&T Annual Meeting, 2019 – ;
	+ American Medical Informatics Association Annual Symposium, 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, NJ;
	+ ICIS2014 (International Conference on Information Systems) ; IAGG2017 (International Association of Gerontology and Geriatrics)

## Board of Directors Affiliations and Other Community-Focused Service

* Advisory Board Member, Center for the Study and Practice of Urban Religion (CSPUR) at the New York Theological Seminary, (2022 – current)
* Member, Disparities Leadership Program, Massachusetts General Hospital (2012 – 2013)
* Board Member, National Kidney Foundation, Kidney Early Evaluation Program – KEEP (2010 – 2011)
* Faculty Advisor, El Centro College Medical Assisting Program Student Club (2010 – 2012)
* Vice Chair, Justice Revival City Leaders Committee, Sojourners Justice Revival (2009)
* Member, El Centro College Medical Assisting Program Advisory Board (2009 – 2012)
* Instructor, Hutchins State Jail Faith Based Dorm prerelease health class (2009 – 2011)
* Mentor, Dallas Leadership Foundation Re-Entry program for Ex-Offenders (2008 – 2012)
* Board Chair, Community Advisory Board, Dallas Cancer Disparities Research Coalition (2008 – 2012)
* Member, District 3 Dallas County Commissioner, Public Health Advisory Council (2008 – 2012)
* Board Chair, Emerging Women Ministries, Dallas, Texas (2006 – 2007)
* Mentor, Transition Resource Action Center – TRAC, youth foster program (2006 – 2015)
* Dallas Chamber of Commerce, Leadership Dallas 2004, Co-Chair, Health & Human Services Committee
* Volunteer, United Way of Dallas Allocation Panel, Health and Family Services (2002–2009)
* Member, Dallas Independent School District Superintendent Advisory Council (2002 – 2003)
* Board Chair, La Sima Foundation, Substance Abuse support and HIV Counseling (2000 – 2005)
* Big Brother, Big Brothers Big Sisters of America (1994 – 2015)
* Life Member, Alpha Phi Alpha Fraternity, Inc.

Health Certifications

* Licensed Clinical Social Worker (LCSW), Texas State Board of Social Worker Examiners. #60136
* Licensed Clinical Social Worker (LCSW), New Jersey Board of Social Work Examiners. #: 44SC06107200
* Certified Health Education Specialist (CHES), National Commission for Health Education Credentialing. #19336
* Certified Community Health Worker Instructor (CHW-I), TX Dept. of State Health Services. #00115
* National Emergency Medical Technician Certification (EMT-B) earned November, 2004

Professional Memberships

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

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
* Distinguished Achievement in Research Award, Department of Library and Information Science (LIS, Rutgers), 2019 – 2020
* Distinguished Achievement in Research Award, Department of Library and Information Science (LIS, Rutgers), 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

Personal

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