

Susan C. McKernan

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University of Minnesota School of Dentistry
Department of Primary Dental Care, Division of Dental Public Health

January 18, 2024

EDUCATION AND PROFESSIONAL HISTORY

Education

2012	PhD, Oral Science, University of Iowa College of Dentistry
2009	MS, Dental Public Health, University of Iowa College of Dentistry
2004	DMD, Dentistry, University of Florida College of Dentistry
1999	BS, Zoology (With Honors; Phi Beta Kappa), University of Florida

Professional and Academic Positions

10/2023 - present	Associate Professor, University of Minnesota School of Dentistry Department of Primary Dental Care, Division of Dental Public Health
2020 - 10/2023	Associate Professor, University of Iowa College of Dentistry and Dental Clinic, Department of Preventive and Community Dentistry
2020 - 2023	Senior Research Fellow in Residence, University of Iowa Public Policy Center, Health Policy Research Program
2015 - 2020	Assistant Professor, University of Iowa College of Dentistry, Department of Preventive and Community Dentistry
2015 - 2018	Affiliate Assistant Professor, Oral Health Sciences, University of Washington School of Dentistry
2012 - 2015	Visiting Assistant Professor, Preventive & Community Dentistry, University of Iowa College of Dentistry
2009 - 2012	Post-doctoral Fellow, University of Iowa College of Dentistry
2004 - 2005	Dentist, Private Practice, Tampa, Florida

Clinical Licensures and Certifications

2012	Dental License – Iowa, Faculty Permit
2004	Dental License – Florida, Inactive

Professional Honors and Awards

2020	UI College of Dentistry Student Research Group Mentor of the Year
2019 - 2020	NIH/NIMHD Health Disparities Research Loan Repayment Award
2019	NIH/NIMHD Health Disparities Research Institute Scholar
2019	UI Obermann Center for Advanced Studies Interdisciplinary Research Award
2017 - 2019	NIH/NIMHD Health Disparities Research Loan Repayment Award
2013	American Board of Dental Public Health, Diplomate (Recertified, 2023)
2009 - 2012	NIH/NIDCR National Research Service Award Fellowship

Current Membership and Offices in Professional Organizations

American Public Health Association
AcademyHealth
American Association for Dental, Oral, and Craniofacial Research
American Association of Public Health Dentistry
Co-chair, Council on Educational Affairs (2019-2021)
American Dental Education Association

SCHOLARSHIP

Publications

Peer-Reviewed Articles

1. McKernan, S.C., Momany E.T., Sukalski J.M.C., Jones, M.P., Damiano., P.C., Kuth, R.A. (2023) Variation in general dentists' patterns of sealant use in children with elevated caries risk. *JDR Clinical & Translational Research*, 8(4):367-373. <https://doi.org/10.1177/23800844221102836>
2. Sukalski J.M.C., Askelson, N.M., Reynolds, J.C., Damiano, P.C., Shi, W., Xie, X.J., **McKernan, S.C.** (2023). Perceived Social Status, socioeconomic status, and preventive dental utilization among a low-income Medicaid adult population. *Journal of Public Health Dentistry*. <https://doi.org/10.1111/jphd.12588>
3. Reynolds, J. C., Ingleshwar, A., Nwachukwu, P., **McKernan, S. C.**, Damiano, P. C. (2023) Dentist-reported differences in services provided to patients with public vs. private dental insurance. *BMC Oral Health*, 23, 431. <https://doi.org/10.1186/s12903-023-03134-4>
4. Obadan-Udoh, E., Boylston Herndon, J., Kohli, R., **McKernan, S. C.**, Jura, M., Momany, E. T., Arora, G., Sehgal, H. S., Yansane, A., Mertz, E. (2023) Testing dental quality measures: Emergency department visits for nontraumatic dental conditions and subsequent follow-up dental visits. *Journal of the American Dental Association*, 154(6), 507-518. <https://doi.org/10.1016/j.adaj.2023.03.008>
5. **McKernan, S. C.**, Sukalski, J. C. C., Starman, E. E., Mayhle, M. M., Holland, H. A., Chi, D. L. (2023). Introducing dental students to dental public health: an analysis of U.S. predoctoral course syllabi. *Journal of Dental Education*, 87(5), 654-659. <https://doi.org/10.1002/jdd.13163>
6. Askelson, N. M., Ryan, G. W., **McKernan, S. C.**, Scherer, A. M., Daly, E. R., Avdic, L. H. (2023). Engaging new partners in HPV vaccine promotion: considerations for training private practice dental professionals in HPV vaccine promotion. *Journal of Public Health Dentistry*, 83(2), 185-192. <https://doi.org/10.1111/jphd.12566>
7. Macek, M., Zavras, A., Tomar, S., Cappelli, D., **McKernan, S. C.**, Timothe, P., Okunseri, C. (2023). American Board of Dental Public Health Diplomate Survey, 2021: Competency Domains and Practice. *Journal of Public Health Dentistry*, 83(1), 78-86. <https://doi.org/10.1111/jphd.12553>
8. **McKernan, S. C.**, Reynolds, J. C., Damiano, P. C., McInroy, B. (2022). Randomized experiment on the effect of incentives and mailing strategy on response rates in a mail survey of dentists. *Journal of Public Health Dentistry*, 82(4), 363-494. <https://doi.org/10.1111/jphd.12510>
9. Scholtes, M., Comnick, C., Reynolds, J. C., **McKernan, S. C.**, Damiano, P. C. (2022). Dentist attitudes toward an annual benefit maximum in Iowa's adult Medicaid program. *Journal of Public Health Dentistry*. <https://doi.org/10.1111/jphd.12543>
10. Yu, H., Klompas, M., Kofner, A., Horowitz-Lennon, M., **McKernan, S. C.** (2022). COVID-19 Vaccination: Concerning Trends in Primary Care Health Professional Shortage Areas. *American Journal of Preventive Medicine*, 63(1), e31-e33. <https://doi.org/10.1016/j.amepre.2021.12.024>
11. Kateeb, E., **McKernan, S.C.**, Askelson, N., Momany, E., Damiano, P.C. (2021). Applying the "Stages of Readiness to Change Model" to dentists' decisions to participate in Medicaid: An exploratory study. *Risk Management and Healthcare Policy*, 14, 3311.
12. Reynolds, J. C., **McKernan, S. C.**, Kuthy, R. A. (2021). Predictors of multiple jobholding among dental hygienists in the State of Iowa. *Journal of Dental Hygiene*, 95(1), 43-49. <https://jdh.adha.org/content/95/1/43.short>

13. Garcia, D., Lawson, J., Brody, E., **McKernan, S. C.**, Raskin, S. E., Arauz, N. R., Mosavel, M., Brickhouse, T. H. (2021). A scoping review of the roles, training, and impact of community health workers in oral health. *Community Dental Health*, 38, 198-208. [doi:10.1922/CDH_00370Garcia11](https://doi.org/10.1922/CDH_00370Garcia11)
14. Gratz, K., **McKernan, S. C.**, Pendleton, C., Xie, X. J., Leary, K. (2020). Factors attracting pediatric dentists to associateship agreements. *Journal of Dentistry for Children*, 87(3), 3-9.
15. Reynolds, J. C., **McKernan, S. C.**, Sukalski, J. M. (2020). Who provides open-ended comments? Assessing item non-response bias in Medicaid surveys of members and dentists. *Journal of Public Health Dentistry*, 80(1), 18-22. <https://doi.org/10.1111/jphd.12339>
16. Teixeira, E., Warren, J. J., **McKernan, S. C.**, McQuistan, M. R., Qian, F. (2020). Prescribing practices for antibiotic prophylaxis in patients with large prosthetic joints. *Special Care in Dentistry*, 40, 198-205. <https://doi.org/10.1111/scd.12450>
17. Reynolds, J. C., **McKernan, S. C.**, Kuthy, R. A., Damiano, P. C. (2019). A tale of two public dental benefit programs: Iowa dentist participation in traditional Medicaid versus a Medicaid expansion program. *BMC Oral Health*, 19(1), 89-95. <https://doi.org/10.1186/s12903-019-0771-z>
18. Reynolds, J. C., Sukalski, J. C., **McKernan, S. C.**, Damiano, P. C. (2019). Member and dentist narratives about a dental program for the Medicaid expansion population: a content analysis. *Community Dentistry and Oral Epidemiology*, 47(6), 485-493. <https://doi.org/10.1111/cdoe.12490>
19. Sukalski, J., **McKernan, S. C.**, Avila-Ortiz, G., Cunningham-Ford, M., Qian, F., Damiano, P. C. (2019). Periodontal treatment needs in the Medicaid patient population: a retrospective study in a US dental school. *Journal of Public Health Dentistry*, 79(1), 53-59. <https://doi.org/10.1111/jphd.12294>
20. Damiano, P. C., Reynolds, J. C., Boylston Herndon, J., **McKernan, S. C.**, Kuthy, R. A. (2019). The patient-centered dental home: a standardized definition for quality improvement. *Health Services Research*, 54(2), 446-454. <https://doi.org/10.1111/1475-6773.13067>
21. Reynolds, J. C., **McKernan, S. C.**, Sukalski, J. M., Damiano, P. C. (2018). Evaluation of enrollee satisfaction with Iowa's Dental Wellness Plan for the Medicaid expansion population. *Journal of Public Health Dentistry*, 78(1), 78-85. <https://doi.org/10.1111/jphd.12243>
22. Bohn, C. E., McQuistan, M. R., **McKernan, S. C.**, Askelson, N. M. (2018). Preferences related to the use of mobile apps as dental patient educational aids: a pilot study. *Journal of Prosthodontics*, 27(4), 329-334. <https://doi.org/10.1111/jopr.12667>
23. Marshall, T. A., **McKernan, S. C.**, Straub-Morarend, C. L., Guzman-Armstrong, S., Marchini, L., Handoo, N. Q., Cunningham, M. A. (2018). Evidence based dentistry skill acquisition by second year dental students. *European Journal of Dental Education*, 22(3), e612-e618. <https://doi.org/10.1111/eje.12364>
24. Singhal, A., **McKernan, S. C.**, Sohn, W. (2018). Dental public health practice, infrastructure, and workforce in the United States. *Dental Clinics of North America*, 62(2), 155-175
25. Kuthy, R. A., **McKernan, S. C.**, Pooley, M., Zimmerman, M. B. (2018). Relationship between community level variables and number of general dentists. *Journal of the American Dental Association*, 149(4), 308-316. <https://doi.org/10.1016/j.adaj.2017.11.007>
26. Marshall, T. A., Straub-Morarend, C. L., Guzman-Armstrong, S., **McKernan, S. C.**, Marchini, L., Handoo, N. Q., Cunningham, M. A. (2018). An approach on defining competency in evidence-based dentistry. *European Journal of Dental Education*, 22(1), e107-e115. <https://doi.org/10.1111/eje.12267>
27. **McKernan, S. C.**, Reynolds, J. C., Ingleshwar, A., Pooley, M., Kuthy, R. A., Damiano, P. C. (2017). Transportation barriers and use of dental services among Medicaid insured adults. *JDR Clinical & Translational Research*, 3(1), 101-108. <https://doi.org/10.1177/2380084417714795>

28. Kuthy, R. A., **McKernan, S. C.**, Hoyle, D. A. (2016). An interactive website to facilitate in-state retention of new dentists and recruitment to underserved areas. *Journal of Dental Education*, 80(6), 686-690. <https://doi.org/10.1002/j.0022-0337.2016.80.6.tb06130.x>
29. **McKernan, S. C.**, Singhal, A., Momany, B., Kuthy, R. A. (2016). Dental visits by age one: general dentist availability for privately insured children in a rural state. *Pediatric Dentistry*, 38(1), 55-60.
30. Reynolds, J. C., **McKernan, S. C.**, Kuthy, R. A., Adrianse, N. B., Mani, S., Damiano, P. C. (2016). Public dental safety net in Iowa: capacity and readiness for health care reform. *Journal of Health Care for the Poor & Underserved*, 27(2), 450-64. <https://doi.org/10.1353/hpu.2016.0084>
31. Kuthy, R. A., Reynolds, J. C., **McKernan, S. C.**, Damiano, P. C. (2016). Rise of managed care in the USA: lessons for dentistry. *Current Oral Health Reports*, 3(3), 131-139.
32. **McKernan, S. C.**, Pooley, M. J., Momany, B., Kuthy, R. A. (2016). Travel burden and dentist bypass among dentally insured children. *Journal of Public Health Dentistry*, 76(3), 220-227. <https://doi.org/10.1111/jphd.12139>
33. Darling, B., Kanellis, M. J., **McKernan, S. C.**, Damiano, P. C. (2015). Potential utilization of expanded function dental auxiliaries to place restoratives. *Journal of Public Health Dentistry*, 75(2), 163-168. <https://doi.org/10.1111/jphd.12089>
34. Kateeb, E. T., **McKernan, S. C.**, Gaeth, G. J., Kuthy, R. A., Adrianse, N. B., Damiano, P. C. (2015). Predicting dentists' decisions: a choice-based conjoint analysis of Medicaid participation. *Journal of Public Health Dentistry*, 76(3), 171-178. <https://doi.org/10.1111/jphd.12126>
35. **McKernan, S. C.**, Reynolds, J. C., Momany, B., Kuthy, R. A., Kateeb, E. T., Adrianse, N. B., Bjorndal, A. (2015). Relationship between altruistic attitudes and dentists' Medicaid participation. *Journal of the American Dental Association*, 146(1), 34-41. <https://doi.org/10.1016/j.adaj.2014.11.014>
36. **McKernan, S. C.**, Kuthy, R. A., Hanley, P. F., Jones, M. P., Momany, B., McQuistan, M. R., Damiano, P. C. (2015). Geographic variation of dental utilization among low-income children. *Health & Place*, 34(July), 150-156. <https://doi.org/10.1016/j.healthplace.2015.05.002>
37. Nashleanas, B. M., **McKernan, S. C.**, Kuthy, R. A., Qian, F. (2014). Career influences among final year dental students who plan to enter private practice. *BMC Oral Health*, 14(1), 18-25. <https://doi.org/10.1186/1472-6831-14-18>
38. **McKernan, S. C.**, Kuthy, R. A., Kavand, G. (2013). General dentist characteristics associated with rural practice location. *Journal of Rural Health*, 29(s1), S89-S95. <https://doi.org/10.1111/jrh.12004>
39. **McKernan, S. C.**, Kuthy, R. A., Momany, E. T., McQuistan, M. R., Hanley, P. F., Jones, M. P., Damiano, P. C. (2013). Geographic accessibility and utilization of orthodontic services among Medicaid children and adolescents. *Journal of Public Health Dentistry*, 73(1), 56-64. <https://doi.org/10.1111/jphd.12006>
40. **McKernan, S. C.**, Kuthy, R. A., Joshi, A. (2012). Primary care providers and practice locations: examining the relationships. *Journal of the American Dental Association*, 143(5), E8-E15. <https://doi.org/10.14219/jada.archive.2012.0189>
41. Kuthy, R. A., **McKernan, S. C.**, Hand, J. S., Johnsen, D. C. C. (2009). Dentist workforce trends in a primarily rural state: Iowa: 1997-2007. *Journal of the American Dental Association*, 140(12), 1527-1534. <https://doi.org/10.14219/jada.archive.2009.0105>

Non-refereed Articles

1. Nashleanas, B. M., **McKernan, S. C.**, Kuthy, R. A. (2015). Factors associated with rural practice among new general dentists. *Iowa Dental Journal*, 101(4), 13.

2. **McKernan, S. C.**, Reynolds, J. C., Kuthy, R. A., Damiano, P. C. (2014). Results of the 2013 Survey of Iowa Dentists: Participation in the Title 19 program and other practice characteristics. *Iowa Dental Journal*, 100(3), 17-24.
3. Darling, B., Kanellis, M. J., **McKernan, S. C.** (2013). Iowa dentists' willingness to utilize expanded function dental auxiliaries (EFDAs). *Iowa Dental Journal*, 99, 15-22.
4. Kuthy, R. A., **McKernan, S. C.**, Joshi, A. (2011). Demographic and practice location trends for Iowa general dentists: 2000 and 2010. *Iowa Dental Journal*, 97(4), 16-21.
5. **McKernan, S. C.**, Kuthy, R. A. (2010). Iowa dentist workforce trends: 1997-2008. *Iowa Dental Journal*, 96(1), 33-6.

Monographs *Available at [Iowa Research Online](#)

1. Reynolds, J. C., Nwachukwu, P., Limberg, K., **McKernan, S. C.**, McInroy, B., Damiano, P. C. (2023). Evaluation of the Dental Wellness Plan: 2021 Survey of Iowa Private Practice Dentists. Iowa City, IA: University of Iowa Public Policy Center.
2. **McKernan, S. C.**, Reynolds, J. C., Momany, E. T., Ingleshwar, A., Damiano, P. C. (2021). DWP Evaluation: Annual Report 2019. Iowa City, IA: University of Iowa Public Policy Center.
3. **McKernan, S. C.**, Kuthy, R. A., Reynolds, J. C., Tuggle, L., Garcia, D. T. (2018). Medical-dental integration in public health settings: an environmental scan. Iowa City, IA: University of Iowa Public Policy Center.
4. **McKernan, S. C.**, Damiano, P. C., Reynolds, J. C., Momany, E. T., Kuthy, R. A., Pooley, M., Ingleshwar, A., McInroy, B. (2017). Dental Wellness Plan evaluation. Interim report. Iowa City, IA: University of Iowa Public Policy Center.
5. **McKernan, S. C.**, Pooley, M., Ingleshwar, A., Momany, E. T., Damiano, P. C. (2017). Evaluation of provider network in the Iowa Dental Wellness Plan, 2014-2016. Iowa City, IA: University of Iowa Public Policy Center.
6. Reynolds, J. C., **McKernan, S. C.**, Damiano, P. C., Sukalski, J. M., McInroy, B. (2017). Evaluation of the Dental Wellness Plan: member experiences after two years. Iowa City, IA: University of Iowa Public Policy Center.
7. Reynolds, J. C., Sukalski, J., **McKernan, S. C.**, McInroy, B., Kuthy, R. A., Damiano, P. C. (2017). Evaluation of the Dental Wellness Plan: community health center experiences after two years. Iowa City, IA: University of Iowa Public Policy Center.
8. Reynolds, J. C., **McKernan, S. C.**, Sukalski, J., McInroy, B., Kuthy, R. A., Damiano, P. C. (2017). Evaluation of the Dental Wellness Plan: experiences of private practice dentists after two years. Iowa City, IA: University of Iowa Public Policy Center.
9. **McKernan, S. C.**, Pooley, M. J., Momany, E. T., Ingleshwar, A., Damiano, P. C. (2017). Evaluation of provider adequacy in the Iowa Health and Wellness Plan during the second year. Iowa City, IA: University of Iowa Public Policy Center.
10. **McKernan, S. C.**, Momany, E. T., Ingleshwar, A., Ayyagari, P., Singhal, A., Ghattas, A., Damiano, P. C. (2017). Access, utilization and cost outcomes: Iowa Dental Wellness Plan evaluation 2014-2016. Iowa City, IA: University of Iowa Public Policy Center.
11. Reynolds, J. C., **McKernan, S. C.**, Kuthy, R. A., Balakrishnan, N. C. (2016). Changes in dentist retirement, relocation, and net inflow of dentist supply in Iowa, 1997-2014: fifth brief in a series. Iowa City, IA: University of Iowa Public Policy Center.
12. Damiano, P. C., Reynolds, J. C., Herndon, J. B., **McKernan, S. C.** (2016). Patient-Centered Dental Home development project: phase 1 study methodology. Iowa City, IA: University of Iowa Public Policy Center.
13. **McKernan, S. C.**, Pooley, M., Ingleshwar, A., Kuthy, R. A., Momany, E. T., Damiano, P. C. (2016). Evaluation of provider network in the Iowa Dental Wellness Plan during the first year. Iowa City, IA: University of Iowa Public Policy Center.
14. Reynolds, J. C., **McKernan, S. C.**, Kuthy, R. A. (2015). Changes in Iowa dentist workforce

- composition, 1997-2013: first in a series of issue briefs. Iowa City, IA: University of Iowa Public Policy Center.
15. Reynolds, J. C., **McKernan, S. C.**, Kuthy, R. A. (2015). Changes in practice settings of Iowa dentists, 1997-2013: third in a series of issue briefs. Iowa City, IA: University of Iowa Public Policy Center.
 16. Nguyen, M., Reynolds, J. C., **McKernan, S. C.**, Kuthy, R. A. (2015). Changes in the hours worked per week by Iowa dentists, 1997-2013: fourth in a series of issue briefs. Iowa City, IA: University of Iowa Public Policy Center.
 17. Reynolds, J. C., **McKernan, S. C.**, Kuthy, R. A. (2015). Changes in urbanicity of Iowa dentists' practice locations, 1997-2013: second in a series of issue briefs. Iowa City, IA: University of Iowa Public Policy Center.
 18. **McKernan, S. C.**, Pooley, M., Ingleshwar, A., Damiano, P. C., Momany, B. (2015). Evaluation of provider adequacy in the Iowa Health and Wellness Plan during the first year. Iowa City, IA: University of Iowa Public Policy Center.
 19. Reynolds, J. C., Sukalski, J., **McKernan, S. C.**, McInroy, B., Kuthy, R. A., Damiano, P. C. (2015). Evaluation of the Dental Wellness Plan: Effect on community health centers in the first year. Iowa City, IA: University of Iowa Public Policy Center.
 20. Reynolds, J. C., Damiano, P. C., **McKernan, S. C.**, Sukalski, J., McInroy, B., Kuthy, R. A. (2015). Evaluation of the Dental Wellness Plan: experiences of private practice dentists after the first year. Iowa City, IA: University of Iowa Public Policy Center.
 21. Reynolds, J. C., Damiano, P. C., **McKernan, S. C.**, McInroy, B., Momany, B., Kuthy, R. A. (2015). Evaluation of the Dental Wellness Plan: member experiences in the first year. Iowa City, IA: University of Iowa Public Policy Center.
 22. **McKernan, S. C.**, Pooley, M. J., Kuthy, R. A., Momany, B., Damiano, P. C. (2015). Iowa Dental Wellness Plan: evaluation of baseline provider network. Iowa City, IA: University of Iowa Public Policy Center.
 23. Damiano, P. C., Reynolds, J. C., **McKernan, S. C.**, Mani, S. (2015). The need for defining a patient-centered dental home model in the era of the Affordable Care Act. Iowa City, IA: University of Iowa Public Policy Center
 24. Reynolds, J. C., Kuthy, R. A., Pooley, M. J., Kelly, M. C., **McKernan, S. C.** (2014). Dental hygiene workforce in Iowa: Snapshot and recommendations for a workforce monitoring system. Iowa City, IA: University of Iowa Public Policy Center.
 25. Damiano, P. C., **McKernan, S. C.**, Kuthy, R. A., Reynolds, J. C., Kateeb, E. T. (2014). The public and private dental safety net: Implementation of the ACA and their roles in access to care for Medicaid and expansion populations. Iowa City, IA: University of Iowa Public Policy Center.
 26. **McKernan, S. C.**, Reynolds, J. C., Singhal, A., Kurago, Z. B., Damiano, P. C. (2013). Access to dental care and the oral health safety net: Impact of the ACA and health system change on the Iowa safety net. Iowa City, IA: University of Iowa Public Policy Center.
 27. **McKernan, S. C.**, Reynolds, J. C., Kuthy, R. A., Kateeb, E. T., Adrianse, N. B., Damiano, P. C. (2013). Factors affecting Iowa dentist participation in Medicaid. Iowa City, IA: University of Iowa Public Policy Center.

Commentary

1. *The role of dental insurance in mitigating mortality among working-age U.S. adults with periodontitis.* (Elsevier Clinical Dentistry PracticeUpdate, 2020). Available at [PracticeUpdate](#).

Thesis

1. *Dental service areas: Methodologies and applications for evaluation of access to care.* (Doctoral dissertation). (Iowa City, IA: University of Iowa, 2012).
2. *Modeling a state dentist workforce using county level data.* (Master's thesis). (Iowa City, IA: University of Iowa, 2009).

Book Chapters

1. (2021). Access to Dental Care. Burt and Eklund's Dentistry, Dental Practice, and the Community, Seventh Edition. St. Louis, MO: Elsevier, Inc.

PresentationsInvited Oral Presentations

1. *Preparing the Next Generation of Dentists: Dental Public Health for Predoctoral Education.* (2023) Creighton University School of Dentistry; Omaha, NE.
2. *Oral Health Workforce Research: Supply-Side Barriers to Health Equity.* (2022) Ohio State University College of Dentistry; Columbus, OH.
3. *Where are Iowa's dentists?* (2019) Visualizing Equitable and Sustainable Communities in Iowa; Iowa City, IA.
4. Advancing oral and primary health care integration to support diabetes prevention and management. (2018) HRSA Bureau of Primary Health Care: Oral Health and Diabetes Integration; Virtual.
5. *Emergency department dental visits in a new Medicaid program.* (2018) IADR/PER 96th General Session; London, England
6. *U.S. Dental Workforce: Trends, Projections, and Considerations.* (2017) Boston University Dental Public Health Seminar Series; Boston, MA.
7. *Impact of transportation barriers in Iowa's Medicaid population.* (2017) Midwest Regional Dental Public Health Conference; Coralville, IA.
8. *Iowa's Dental Workforce.* (2015) University of Iowa Dental Alumni Board; Iowa City, IA.
9. *Evaluating state dental workforce adequacy.* (2014) Virginia Commonwealth University; Richmond, VA.
10. *Health Care Transformations: Pharmacy and Dental Workforce in Iowa.* (2014) Patient Centered Health Advisory Council; Des Moines, IA.
11. Access to orthodontic services among Medicaid children in Iowa. (2013) Iowa Dental Association; Des Moines, IA.
12. *The capacity for dental care in Iowa's safety net.* (2013) Midwest Regional Dental Public Health Conference; Coralville, IA.

Peer-Reviewed Oral Presentations at National Professional Conferences

1. *Exploring beliefs associated with dental hygienists' willingness to promote HPV vaccination.* (2020) National Oral Health Conference; Virtual.
2. *Provider-level variation in sealants provided to high-risk children.* (2020) American Public Health Association Annual Meeting; San Francisco, CA/Hybrid.
3. *Multidimensional approaches to assessing state oral health workforce capacity.* (2019) National Oral Health Conference; Memphis, TN.
4. *Environmental scan of medical-dental integration in public health settings: targeting cardiovascular disease.* (2018) National Oral Health Conference; Louisville, KY.
5. *Charting our course: the role of dental public health in health systems integration.* (2017) National Oral Health Conference; Albuquerque, NM.

Poster Abstract Presentations at Professional Conferences (*mentored student)

1. Sukalski, J. M., Askelson, N. M., Reynolds, J. C., Xie X. J., **McKernan, S. C.** (June 2023). Emerging young adults' perceived social status and motivators for seeking dental care. AcademyHealth Annual Meeting; Seattle, WA.
2. Nwachukwu, P.*, Heeren, T., Conrad, A., Obenauf, M., Ronnenberg, M., **McKernan, S. C.** (2022). Scoping Review of Associations between Economic Hardship and Oral Health.

AADOCR/CADR General Session; Atlanta, GA.

3. Sukalski, J. M.*, Starman, E.*, **McKernan, S.**, Dang, A., Holland, H., Mayhle, M., Chi, D.L. (2022). Innovative approaches to pre-doctoral dental public health education. National Oral Health Conference; Ft. Worth, TX.
4. Jin, C.*, Kuthy, R. A., Chaffin, J., **McKernan, S. C.** (2022). Moving patterns of Iowa private practice dentists, 2000-2019. National Oral Health Conference; Ft. Worth, TX.
5. Starman, E.*, Sukalski, J. C.*, **McKernan, S. C.**, Mayhle, M., Dang, A., Holland, H., Chi, D. L. (2022). Review of U.S. Predoctoral Dental Public Health Curricula: Instructional Methods, Topics and Competencies. National Oral Health Conference, Ft. Worth, TX.
6. Weber, S.*, **McKernan, S. C.** (2022). Examining Dentists' Patterns of Topical Fluoride Use in Pediatric Patients. AADOCR/CADR Annual Meeting; Atlanta, GA.
7. **McKernan, S. C.**, McInroy, B. M., Reynolds, J. C., Damiano, P. C. (2022). Getting dentists to bite: experimenting with incentives and postage in a mailed survey of dentists. Midwest Association for Public Opinion Research (MAPOR) Annual Conference.
8. Sukalski, J. C.*, **McKernan, S. C.**, Askelson, N. M., Damiano, P. C., Xie, X. (2022). Association between perceived social status and self-reported oral health. NIDCR Trainee Poster Session, IADR General Session.
9. Scholtes, M., Reynolds, J. C., Ingleswar, A., **McKernan, S. C.**, Damiano, P. C. (2022). Dentist attitudes toward an annual benefit maximum in Iowa Medicaid. National Oral Health Conference; Fort Worth, TX.
10. Garcia, D. T., **McKernan, S. C.**, Cyrus, J. W., Lawson, J. A., Arauz, N. R., Raskin, S. E., Mosavel, M., Brickhouse, T. H. (2020). Community health workers in oral health: a scoping review. IADR Behavioral and Social Oral Health Sciences Summit.
11. Liu, J.*, Ingleswar, A., Sukalski, J. M. C., Reynolds, J. C., **McKernan, S. C.** (2021) Evaluation of U.S. dentist response rates to web-based surveys. IADR/AADR/CADR General Session; Vancouver, BC.
12. Daly, E. R., Avdic, L. H., Askelson, N., **McKernan, S. C.** (2020) HPV vaccine promotion in the dental setting: willingness of dental hygienists to participate in continuing education. Iowa Governor's Conference on Public Health; Des Moines, IA.
13. Strabala, D. J., Reynolds, J. C., **McKernan, S. C.**, Damiano, P. C. (2020). Member awareness of Iowa Medicaid healthy behavior requirements. National Oral Health Conference; Virtual.
14. Ingleswar, A., Reynolds, J. C., **McKernan, S. C.**, Damiano, P. C. (2020). Structural and cognitive barriers to completion of a healthy dental behavior in a state Medicaid program. IADR/AADR/CADR 98th General Session; Washington, D.C./Hybrid.
15. Ryan, G. W., Daly, E., Avdic, L., Lee, A., **McKernan, S. C.**, Sherer, A., Askelson, N. M. (2020). New Partners for HPV Vaccination Promotion: Perspectives from Dentists and Dental Hygienists. American Public Health Association Annual Meeting; San Francisco, CA.
16. Flick, K., Oishi, M. M., Sukalski, J. M.C., **McKernan, S. C.** (2019). Social Work Integration in a Primarily Rural State's Dental School. ADEA Annual Session; Chicago, IL.
17. Askelson, N. M., Ryan, G. W., **McKernan, S. C.**, Scherer, A., Pieper, F. J. (2019). Going to the dentist: Feasibility of engaging dental hygienists to promote the HPV vaccine to their adolescent patients. NCI Cancer Centers HPV Vaccination Summit; Dallas, TX.
18. Sukalski, J. C.*, **McKernan, S. C.**, Askelson, N. M., Damiano, P. C., Reynolds, J. C. (2019). Exploring the relationship between perceived social status and oral health. BEHSR/IADR Oral Epi Forum; Vancouver, BC.
19. Kuthy, R. A., **McKernan, S. C.**, Reynold, J. C. (2019). Iowa Dentist Tracking System (IDTS): a 20-year review. American Academy of Medical Colleges Health Workforce Conference; Alexandria, VA.
20. Gratz, K.*, **McKernan, S. C.**, Leary, K., Pendleton, C. (2019). Pediatric dentists' satisfaction with previous associate employment agreements. American Academy of Pediatric Dentistry Annual

Session; Chicago, IL.

21. Reynolds, J. C., **McKernan, S. C.**, Damiano, P. C., Kuthy, R. A. (2018). Comparison of Iowa dentist participation in a Medicaid State Plan versus private carve-out for the Medicaid expansion population. National Oral Health Conference; Louisville, KY.
22. Sukalski, J.*, **McKernan, S. C.**, Avila-Ortiz, G., Cunningham-Ford, M., Qian, F., Damiano, P. C. (2018). Periodontal treatment needs in a Medicaid expansion population. National Oral Health Conference; Louisville, KY.
23. Hones, J. D.*, **McKernan, S. C.**, Kuthy, R. A. (2018). Associations between county general dentist workforce and business establishments. AADR 47th Annual Meeting; Ft. Lauderdale, FL.
24. Reynolds, J. C., **McKernan, S. C.**, Damiano, P. C., Kuthy, R. A. (2017). Dentists' ambivalence about earned benefits structure within Iowa's Dental Wellness Plan. National Oral Health Conference; Albuquerque, NM.
25. Sukalski, J.*, Reynolds, J. C., **McKernan, S. C.**, Damiano, P. C. (2017). Iowa Dental Wellness Plan members' self-reported effect of earned benefits on routine dental use. National Oral Health Conference; Albuquerque, NM.
26. Kuthy, R. A., **McKernan, S. C.**, Pooley, M., Nguyen, M. N. (2017). Differences between communities with one or no general dentist. IADR/AADR/CADR 95th General Session; San Francisco, CA.
27. Kuthy, R. A., **McKernan, S. C.**, Pooley, M., Zimmerman, M. B. (2017). Community size and the number of general dentists in Iowa. Association of American Medical Colleges Health Workforce Research Conference; Alexandria, VA.
28. Balakrishnan, N., Kuthy, R. A., **McKernan, S. C.** (2016). Characteristics associated with dentists' attrition in Iowa: 1997-2014. AADR 45th Annual Meeting; Los Angeles, CA.
29. Kuthy, R. A., **McKernan, S. C.**, Hanley, P. F. (2016). Dentist practice location demand threshold at the community level. AADR 45th Annual Meeting; Los Angeles, CA.
30. Ingleswar, A., **McKernan, S. C.**, Kuthy, R. A., Reynolds, J. C., Damiano, P. C. (2016). Dentists' attitudes towards the earned benefits structure of Iowa Medicaid's Dental Wellness Plan. American Public Health Association Annual Meeting & Expo; Denver, CO.
31. Kuthy, R. A., **McKernan, S. C.**, Hoyle, D. (2016). Designing an interactive website to facilitate recruitment of dentists: Iowa. 12th Annual AAMC Health Workforce Research Conference; Chicago, IL.
32. Marshall, T. A., **McKernan, S. C.**, Handoo, N. Q. (2016). Evaluation of changes to a problem-based learning curriculum. AADR 45th Annual Meeting; Los Angeles, CA.
33. **McKernan, S. C.**, Pooley, M., Momany, E. T., Kuthy, R. A. (2016) Travel burden as a barrier to dental care for children. AADR 45th Annual Meeting; Los Angeles, CA.
34. Reynolds, J. C., Damiano, P. C., **McKernan, S. C.** (2016). Medicaid expansion in Iowa: member experiences with new dental benefits. National Oral Health Conference; Cincinnati, OH.
35. Damiano, P. C., Reynolds, J. C., Herndon, J., **McKernan, S. C.**, Kuthy, R. A. (2016). Patient-Centered Dental Home: developing a model for quality improvement and health care integration. National Oral Health Conference; Cincinnati, OH.
36. Kuthy, R. A., **McKernan, S. C.**, Hanley, P. (2016). Proximity of dentists with retail businesses. AcademyHealth Health Workforce Interest Group Meeting; Boston, MA.
37. Kuthy, R. A., **McKernan, S. C.**, Hanley, P. F. (2016). Proximity of Iowa dentists with retail industries. National Oral Health Conference; Cincinnati, OH.
38. Reynolds, J. C., Kuthy, R. A., Pooley, M., Kelly, M., **McKernan, S. C.** (2015). Dental hygiene workforce and education programs in Iowa. National Oral Health Conference; Kansas City, MO.
39. Ingleswar, A., **McKernan, S. C.**, Momany, B., Bentler, S., Damiano, P. C. (2015). Effect of chronic physical and mental conditions on dental utilization. National Oral Health Conference;

Kansas City, MO.

40. **McKernan, S. C.**, Momany ET, Kuthy RA. (2015) FQHC dental market share among Medicaid-enrolled children. National Oral Health Conference; Kansas City, MO.
41. Kuthy, R. A., Reynolds, J., **McKernan, S. C.** (2015). Employee benefits for dental hygienists. IADR/AADR/CADR 93rd General Session; Boston, MA.
42. Nashleanas, B.*, **McKernan, S. C.**, Kuthy, R. A., Qian, F. (2015). Predicting rural practice among new general dentists. IADR/AADR/CADR 93rd General Session; Boston, MA.
43. Kateeb, E. T., Askelson, N., **McKernan, S. C.**, Momany, B., Damiano, P. C. (2015). Using stage of change to understand dentists' Medicaid participation behavior. IADR/AADR/CADR 93rd General Session; Boston, MA.
44. Nashleanas, B.*, **McKernan, S. C.**, Kuthy, R. A., Qian, F. (2014). Accuracy of fourth year dental students' prediction of first employment. Midwest Regional Dental Student Research Conference; Minneapolis, MN.
45. Kirch, J., **McKernan, S. C.**, McQuistan, M. R., Straub-Morarend, C. (2014). Developing an assessment tool to review electronic patient education materials. AADR 43rd Annual Meeting; Charlotte, NC.
46. Bohn, C.*, McQuistan, M. R., **McKernan, S. C.**, Kirch, J., Askelson, N. (2014). Exploring dental patients' preferences towards incorporating iPad technology during patient education. Midwest Regional Dental Student Research Conference; Minneapolis, MN.
47. Kateeb, E., Gaeth, G., **McKernan, S. C.**, Kuthy, R. A., Damiano, P. C. (2014). Factors related to dentists' decision to participate in Medicaid: a conjoint analysis. National Oral Health Conference; Ft. Worth, TX.
48. Darling, B.*, Kanellis, M. J., **McKernan, S. C.**, Damiano, P. C. (2014). Iowa dentists' willingness to utilize auxiliaries to perform restorative procedures. AADR 43rd Annual Meeting; Charlotte, NC.
49. Kuthy, R. A., **McKernan, S. C.** (2014). Monitoring dentist workforce: Iowa's trends since 1997. AADR 43rd Annual Meeting; Charlotte, NC.
50. Kuthy, R. A., **McKernan, S. C.**, Reynolds, J., Adrianse, N., Damiano, P. C. (2014). The public health safety net: Iowa's CHC capacity to meet anticipated dental demand in 2014 and beyond. National Oral Health Conference; Ft. Worth, TX.
51. Kuthy, R. A., **McKernan, S. C.** (2013). Iowa general dentists' likelihood to have a rural practice, 2010. IADR/AADR/CADR 91st General Session; Seattle, WA.
52. **McKernan, S. C.**, Kuthy, R.A. (2013) Geographic variation in perceived dentist busyness.: National Oral Health Conference; Milwaukee, WI.
53. **McKernan, S. C.**, Kuthy, R. A., Joshi, A., Momany, E. T. (2012). Pilot study to identify dentist service areas in Iowa. AADR Annual Meeting; Tampa, FL.
54. **McKernan, S. C.**, Kuthy, R. A., Momany, E. T., Hanley, P. (2013). Geographic accessibility and utilization of orthodontic services among Medicaid children. National Oral Health Conference; Huntsville, AL
55. Kuthy, R. A., **McKernan, S. C.**, Joshi, A. (2011). Practice locations for Iowa general dentists and proximity to dental specialists. National Oral Health Conference; Pittsburgh, PA.
56. **McKernan, S. C.**, Kuthy, R. A. Identifying geographic variation in dentist workforce and supply measures. (2011). National Oral Health Conference; Pittsburgh, PA.
57. **McKernan, S. C.**, Kuthy, R. A., Joshi, A. (2011). Primary health care providers in Iowa: Location analysis incorporating GIS methods. IADR/AADR/CADR General Session; San Diego, CA
58. Qian, F., Kuthy, R. A., **McKernan, S. C.** (2010). Influences on immediate career choice: Longitudinal study of dental students. AADR 39th Annual Meeting; Washington, D.C.
59. **McKernan, S. C.**, Kuthy, R. A., Momany, E. T., McQuistan, M. R., Qian, F. (2010). Modeling a

state dentist workforce using county level data. AADR 39th Annual Meeting; Washington, D.C.

60. Kuthy, R. A., **McKernan, S. C.** (2010). Iowa dentist workforce: 12-year trends (1997-2008). National Oral Health Conference; St. Louis, MO.
61. **McKernan, S. C.**, Kuthy, R. A. (2010). Design and development of dentist workforce model for use in state planning. National Oral Health Conference; St. Louis, MO.
62. **McKernan, S. C.**, Janssen, J., Wadhawan, S. (2009). Evaluating oral health programs in Illinois local health departments. National Oral Health Conference; Portland, OR.

Grants and Contracts

Current Funding

1. Role: Co-Investigator
 PI: N. Askelson
 Grant Number: U48DP006389
 Granting Agency: Centers for Disease Control and Prevention (CDC)
 Grant Title: *UI Cancer Prevention and Control Research Network Collaborating Center*
 Project Dates: 01/01/2019-09/30/2024

Completed Funding

1. Role: Multiple PI
 Grant Number: MED-21-008
 Pass-Through Entity: Iowa Department of Human Services
 Federal Awarding Agency: Department of Health and Human Services/ Centers for Medicare and Medicaid Services
 Grant Title: *Contract for Program-related Research Services (Evaluation of the Iowa Wellness Plan)*
 Project Dates: 07/01/2022-09/30/2023
2. Role: Subaward PI
 PI: H. Yu (Harvard Pilgrim Health)
 Grant Number: R01MD013736
 Pass-Through Entity: Harvard Pilgrim Health Care, Inc.
 Federal Awarding Agency: NIH/NIMHD
 Grant Title: *Impact of the National Health Service Corps on Health Disparities*
 Project Dates: 02/01/2020-08/30/2023
3. Role: Single PI
 Granting Agency: University of Iowa College of Dentistry
 Grant Title: *Impact of Pandemic Dental Office Closures: A Natural Experiment to Identify Nondeferrable Dental Conditions*
 Project Dates: 01/01/2023-09/30/2023
4. Role: Multiple PI
 Grant Number: MED-18-0-13
 Granting Agency: Iowa Department of Human Services
 Grant Title: *Evaluation of the Iowa Wellness Plan Section 1115 Demonstration*
 Project Dates: 07/01/2020-12/31/2021
 Total Cost: \$5,625,000
 % Effort: 11
5. Role: Single PI
 Grant Number: R03DE028963
 Granting Agency: NIH/NIDCR
 Grant Title: *Evaluation of Geographic Variation in Pediatric Preventive Dental Services*

Project Dates: 07/01/2019-06/01/2021

Total Cost: \$309,000

Direct Costs: \$200,000

% Effort: 30

6. Role: Co-Investigator

PI: P. Damiano

Grant Number:

Granting Agency: DentaQuest Foundation

Grant Title: *The Patient-Centered Dental Home: Development and Dissemination of Metrics for Measurement and Accountability*

Project Dates: 02/01/2020-12/31/2020

Total Cost: \$115,000

% Effort: 10

7. Role: Multiple PI

Granting Agency: Iowa Department of Human Services

Grant Title: *Iowa Health and Wellness Plan (IHAWP) Evaluation (2019)*

Project Dates: 01/01/2019-13/31/2019

Total Cost: \$781,861

% Effort: 35

8. Role: Co-Investigator

PI: N. Askelson

Granting Agency: University of Iowa Holden Comprehensive Cancer Center

Grant Title: *Exploring Integrated Workforce Collaborations to Promote HPV Vaccine Uptake*

Project Dates: 12/01/2018-11/30/2019

Total Cost: \$30,000

Direct Costs: \$30,000

% Effort: 5

9. Role: Co-Investigator

PI: J. Reynolds

Granting Agency: Delta Dental of Iowa Foundation & Telligen Community Initiative

Grant Title: *Dental Hygiene Workforce Capacity in Iowa and Implications for Access to Care for the Underserved*

Project Dates: 01/01/2018-06/30/2019

Total Cost: \$90,000

Direct Costs: \$90,000

% Effort: 12

10. Role: Co-Investigator

PI: R. Kuthy

Granting Agency: Delta Dental of Iowa Foundation

Grant Title: *20th Anniversary of The Iowa Dentist Tracking System: Assessing Trends*

Project Dates: 04/01/2018-03/31/2019

Total Cost: \$40,000

Direct Costs: \$34,783

% Effort: 10

11. Role: Single PI

Granting Agency: American Dental Association

Grant Title: *Dental Quality Alliance - Adult Measures Testing*

Project Dates: 01/01/2018-02/28/2019

Total Cost: \$69,515

Direct Costs: \$63,196

% Effort: 25

12. Role: Multiple PI

Granting Agency: Iowa Department of Human Services
Grant Title: *Iowa Dental Wellness Plan Evaluation (2014-2018)*
Project Dates: 11/01/2014-12/31/2018
Total Cost: \$999,940
% Effort: 20

13. Role: Co-Investigator
PI: P. Damiano
Granting Agency: DentaQuest Foundation
Grant Title: *The Patient-Centered Dental Home: Development of Metrics for Measurement and Accountability*
Project Dates: 03/01/2017-02/28/2018
Total Cost: \$185,000
% Effort: 17.5

14. Role: Co-Investigator
PI: P. Damiano
Granting Agency: Iowa Department of Human Services
Grant Title: *Iowa Health and Wellness Plan (IHAWP) Evaluation*
Project Dates: 07/31/2014-12/31/2017
Total Cost: \$3,793,567
% Effort: 20

15. Role: Single PI
Grant Number: U48DP005021-03S7
Granting Agency: Centers for Disease Control and Prevention (CDC)
Grant Title: *Integration of Oral Health in Public Health Programs and Health Care Reform*
Project Dates: 09/30/2016-09/30/2017
Total Cost: \$175,000
Direct Costs: \$117,804
% Effort: 30

16. Role: Co-Investigator
PI: P. Damiano
Granting Agency: DentaQuest Foundation
Grant Title: *The Role of the Dental Home in Patient-Centered Primary Care*
Project Dates: 05/01/2015-11/30/2016
Total Cost: \$184,096
% Effort: 10

17. Role: Co-Director
PI: R. Kuthy
Grant Number: 5T12HP14992
Granting Agency: Health Resources and Services Administration (HRSA)
Grant Title: *Coordinating and Improving Oral Health Workforce Activities in Iowa*
Project Dates: 09/01/2013-08/30/2016
Total Cost: \$1,902,875
Direct Costs: \$1,767,749
% Effort: 70

18. Role: Single PI
Granting Agency: Delta Dental of Iowa Foundation
Grant Title: *Impact of Geographic Barriers on Dental Utilization by Insured Children in Iowa*
Project Dates: 07/01/2013-01/31/2015
Total Cost: \$118,547
Direct Costs: \$118,547
% Effort: 40

19. Role: Co-Investigator

PI: P. Damiano
 Granting Agency: DentaQuest Foundation
 Grant Title: *Dental Safety Net in Iowa (DSNI): Year 2*
 Project Dates: 09/01/2013-08/30/2014
 Total Cost: \$187,420
 % Effort: 35

20. Role: Co-Investigator

PI: P. Damiano
 Granting Agency: DentaQuest Foundation
 Grant Title: *Access to Dental Care and the Oral Health Safety Net: An Assessment of the Public and Private Delivery Systems and Collaborative Options for Improvement*
 Project Dates: 09/01/2012-08/30/2013
 Total Cost: \$180,431
 % Effort: 40

21. Role: Co-Investigator

PI: R. Kuthy
 Grant Number: T12HP1499
 Granting Agency: Health Resources and Services Administration (HRSA)
 Grant Title: *Iowa's Effort to Improve Oral Health Workforce*
 Project Dates: 09/01/2009-08/30/2012
 Total Cost: \$599,692
 % Effort: No salary support

TEACHING

Didactic/Classroom-Based Teaching

1. Role: Course Director (2015-2023), Lecturer (2009-2023)
 Course: *Introduction to Dental Public Health* (DPH:5000)
 Level: Residents
2. Role: Lecturer (2020-2023)
 Course: *Dental Care Policy & Financing* (DPH:5014)
 Level: Residents
3. Role: Course Director (2018-2023)
 Course: *Administration of Public Dental Programs* (DPH:5005)
 Level: Residents
4. Role: Lecturer
 Course: *Evaluation I: Approaches and Applications* (CBH:5305)
 Level: MPH, UI College of Public Health
5. Role: Course Director (2012-2016), Lecturer (2012-2023)
 Course: *Practice of Dentistry in the Community I* (PCD:8361)
 Level: D3
6. Role: Lecturer (2012-2023)
 Course: *Practice of Dentistry in the Community II* (PCD:8361)
 Level: D3
7. Role: Small group facilitator (2018-2020)
 Course: *Interprofessional Skills & Team Based Healthcare I*
 Level: D1
8. Role: Small group facilitator (2020)
 Course: *Oral Health Field Clinic* (PCD:8494)
 Level: D4
9. Role: Small group facilitator (2016-2019)

Course: *Foundations of Critical Thinking* (DENT:8118)
Level: D1

10. Role: Small group facilitator (2012-2015)
Course: *Behavioral Science, IPE, & Ethics* (DENT:8119)
Level: D2
11. Role: Small group facilitator (2012-2015)
Course: *Experiential Learning* (112:118)
Level: D1

Clinical Teaching

1. Role: Clinical instructor (2013-2023)
Course: *Clinical Preventive Dentistry* (PCD:8245)
Level: D2
2. Role: Clinical instructor (2013-2023)
Course: *Fundamentals of Clinical Dentistry* (PCD:8116)
Level: D1
3. Role: Clinical instructor (2012-2023)
Course: *Preventive Dentistry Assessment & Patient Care* (PCD:8118)
Level: D1

Graduate Student Activities

Master's Theses Directed

1. William Senn, *Retention of Air Force Dental Officers*. 2022-2024 (expected) M.S., Dental Public Health, University of Iowa College of Dentistry.

Master's Student Advisees

1. Rima Desai, *Predictors for dentists to treat underserved populations*. 2022-2023. M.S., Dental Public Health, University of Iowa.

Doctoral Dissertations Directed

1. Jennifer Sukalski, *Perceived Social Status and Oral Health Outcomes: A New Determinant of Health?* 2017-2023. PhD, Oral Science, University of Iowa Graduate College.

Predoctoral Dental Student Research

1. Abhigna Akurathi, *The Effects of COVID-19 on Dental Emergency Utilization at the University of Iowa College of Dentistry*. 2023-present. Student Research Program, University of Iowa College of Dentistry.
2. Sydney Weber Sanchez, *Predictors for dentists to treat underserved populations*. 2021-2023. Student Research Program, University of Iowa College of Dentistry.
3. Jamie Liu, *Evaluation of Trends in U.S. Dentist Response Rates to Web-Based Surveys*. 2020-2023. Student Research Program, University of Iowa College of Dentistry.

Continuing Dental Education

1. Role: Presenter
Course Title: *HPV and the HPV Vaccine*
Sponsor: Southwest Iowa Children's Oral Health Coalition
Location: Council Bluffs, IA
Dates: October 20, 2022
CE Credits: 2 hours

Master's Theses Directed

1. William Senn, *Retention of Air Force Dental Officers*. 2022-2024 (expected) M.S., Dental Public Health, University of Iowa College of Dentistry.
2. ChangHee Jin, *Dental Workforce and Access to Care in Rural Areas*. 2020-2022. M.S., Dental Public Health, University of Iowa College of Dentistry.

- Jennifer Sukalski, *Periodontal Treatment Needs in a Medicaid Expansion Population*. 2015-2017. M.S., Dental Public Health, University of Iowa College of Dentistry.

Master's Student Advisees

- Rima Desai, *Predictors for dentists to treat underserved populations*. 2022-2024 (expected) M.S., Dental Public Health, University of Iowa.
- Olayinka Adekugbe, *Impact of Medicaid Policy Change on Utilization of Dental Services Among Low-Income Adults*. 2018-2019. M.S., Dental Public Health, University of Iowa College of Dentistry.
- Erica Teixeira, *Dentists' Prescribing Practices for Antibiotic Prophylaxis in Patients with Large Prosthetic Joints*. 2016-2018. M.S., Dental Public Health, University of Iowa College of Dentistry.
- Peter Drouillard, *Factors Associated with School-Level Compliance of State-Mandated Dental Screenings*. 2015-2018. M.S., Dental Public Health, University of Iowa College of Dentistry.

Doctoral Dissertations Directed

- Jennifer Sukalski, *Perceived Social Status and Oral Health Outcomes: A New Determinant of Health?* 2017-2023. PhD, Oral Science, University of Iowa Graduate College.

Doctoral Students Advised

- Aparna Ingleshwar, *Impact of the Medicaid Expansion on Oral Health: Iowa Dental Wellness Plan*. 2015-2018. PhD, Oral Science, University of Iowa Graduate College.

Professional Student Activities

- Kirstina Gratz, *Factors Attracting Pediatric Dentists to Associateship Agreements*. 2017-2019. Certificate, Pediatric Dentistry, University of Iowa College of Dentistry.

Predocutorial Dental Student Research

- Abhigna Akurathi, *The Effects of COVID-19 on Dental Emergency Utilization at the University of Iowa College of Dentistry*. 2023-present. Student Research Program, University of Iowa College of Dentistry.
- Sydney Weber Sanchez, *Predictors for dentists to treat underserved populations*. 2021-2023. Student Research Program, University of Iowa College of Dentistry.
- Jamie Liu, *Evaluation of Trends in U.S. Dentist Response Rates to Web-Based Surveys*. 2020-2023. Student Research Program, University of Iowa College of Dentistry.
- Emily Starman, *Review of Dental Public Health Curricula in U.S. Predocutorial Education*. 2021-2022. Student Research Program, University of Iowa College of Dentistry.
- Donte Nesbitt, *Factors Associated with Altruistic Attitudes in Dental Students and Residents*. 2018-2019. Student Research Program, University of Iowa College of Dentistry.
- Joshua Hones, *Examining the Relationships Between Dental Practice Locations and Goods and Services*. 2017-2018. Student Research Program, University of Iowa College of Dentistry.
- Benjamin Nashleanas, *Career Choice Among Dental Students and New Dentists in Iowa*. 2012-2015. Student Research Program, University of Iowa College of Dentistry.
- Justin Kirch, *Developing an Assessment Tool to Review Electronic Patient Education Materials*. 2013-2014. Student Research Program, University of Iowa College of Dentistry.

Continuing Dental Education

- Role: Presenter
Course Title: *HPV and the HPV Vaccine*
Sponsor: Southwest Iowa Children's Oral Health Coalition
Location: Council Bluffs, IA
Dates: October 20, 2022
CE Credits: 2 hours
- Role: Presenter
Course Title: *HPV and the HPV Vaccine: Essentials for dental hygienists to educate, recommend, and refer patients*
Sponsor: University of Iowa

Location: University of Iowa Live Distance CE
 Dates: August 5-29, 2022
 CE Credits: 2 hours

SERVICE

Profession

2023	National Institute of Dental and Craniofacial Research, Special Emphasis Panel, Study Section ZDE1 YM (09) – Review of NIDCR Small Research Grants (R03) for Secondary Data PARS
2023	National Institute on Minority Health and Health Disparities, Scientific Review Group - Extramural Loan Repayment Program for Health Disparities Research
2021 - Present	American Board of Dental Public Health, Board of Directors, Director 2023-2024 Treasurer
2011 - 2021	American Association of Public Health Dentistry, National Oral Health Conference, Abstract Review
2019 - 2022	Oral Health Workforce Research Center, National Advisory Committee
2019 - 2020	AcademyHealth, Robert Wood Johnson Paradigm Project, Expert Panel
2019 - 2020	American Association of Public Health Dentistry, 2020 National Oral Health Conference Planning Committee, Member
2015 - 2020	American Association of Public Health Dentistry, Dental Public Health Speaker's Bureau, Member
2019	American Dental Association, Workforce Methodology Model Project, Member
2018	American Board of Dental Public Health, Task Force on Board Examination and Eligibility, Member
2017 - 2018	American Association of Public Health Dentistry, 2018 National Oral Health Conference Planning Committee, Member
2017	American Dental Association, New Dentist Committee, Member
2016	International Association for Dental Research, Global Oral Health Inequalities Research Network Scientific Group, Symposium Organizer
2016	Healthy Futures, Engaging the Oral Health Community in Childhood Obesity Prevention, Attendee
2014	Missouri Foundation for Health, Reviewer, Grant Proposals
2012 - 2014	American Dental Association, Evidence Based Dentistry Reviewer
2010	Association of State and Territorial Dental Directors (ASTDD), Policy Statement Development

Profession – Ad-hoc Journal Review

2023 - Present	American Journal of Preventive Medicine
2022 - Present	Special Care in Dentistry, Reviewer
2021 - Present	BMC Health Services Research
2020 - Present	Community Dentistry and Oral Epidemiology
2020 - Present	Preventing Chronic Disease, Reviewer, Ad-hoc
2019 - Present	Medical Care
2019 - Present	Journal of Dental Education
2018 - Present	Journal of Rural Health
2018 - Present	BMC Oral Health
2018 - Present	JDR Clinical & Translational Research
2016 - Present	International Dental Journal
2016 - Present	PLOS ONE
2014 - Present	Health Affairs
2014 - Present	Journal of Health Care for the Poor and Underserved

- 2013 - Present American Journal of Public Health
- 2012 - Present Journal of the American Dental Association
- 2011 - Present Journal of Public Health Dentistry

University of Iowa

- 2021 - 2023 Office of the Vice President for Discovery & Innovation DEI Award - Nominating Committee, Member
- 2020 - 2023 Division of Sponsored Programs Faculty Advisory Committee, Member
- 2015 - 2023 Iowa Dentist Tracking System Advisory Committee, Member, (University of Iowa Carver College of Medicine)
- 2021 - 2023 University of Iowa Faculty Judicial Commission, Member
- 2020 - 2021 Brave Space PPC: Seeing White Podcast Discussion, Co-Organizer
- 2016 - 2020 Planning Committee, UI Health Sciences Women Faculty Development Conference, Member
- 2017 - 2018 University of Iowa Summer Enrichment Institute, Poster Judge
- 2017 University of Iowa Summer Health Professions Education Program, Volunteer
- 2009 - 2012 University of Iowa Interdisciplinary Activities Subcommittee of the Council of T32 Directors, Member

University of Iowa College of Dentistry

- 2021 - Present Student Research Program, Assistant Director
- 2019 Predoctoral Poverty Simulation Exercise
- 2017 - Present Committee for the Oral Science Graduate Program, Member
- 2017 - Present Dental Public Health Graduate Program, Associate Director
- 2016 - Present Predoctoral Admissions Committee: Admissions Interviews
- 2013 - Present University of Iowa DPH Club (AAPHD Dental Public Health Student Chapter), Faculty Supervisor
- 2016 - 2021 Diversity, Equity, and Inclusion Committee, Member
- 2019 - 2020 2020-2025 Strategic Planning Committee, Member
- 2017 Faculty Search Committee: Department of Periodontics Chair, Member

Community

- 2023 My City My Health, Health Expo, UI College of Dentistry Representative
- 2019 - 2022 Johnson County I-Smile @ School, Faculty Supervisor
- 2016 - 2023 University of Iowa Mobile Clinic, Faculty Supervisor

FACULTY DEVELOPMENT ACTIVITIES *(selected)*

Teaching – Training & Development Programs

- 2022 *Using Social Media for Public Health Communications*, Public Health Communications Collaboratives.
- 2021 *Virtual Examiner Training*, American Board of Dental Public Health
- 2020 *Strategies to Improve Your Virtual Course*, University of Iowa Office of Teaching, Learning & Technology.
- 2020 *Small Inclusive Teaching Strategies*, University of Iowa Office of Teaching, Learning & Technology.
- 2019 *Health Literacy for Public Health Professionals*, Centers for Disease Control & Prevention.

- 2019 *Effective Clinical Teaching Strategies*, American Dental Education Association.
- 2019 *Dental Education in the Age of #MeToo: Patient Harassment of Students*. American Dental Education Association.
- 2018 *Out and Safe: Supporting an Inclusive Dental School Community*, American Dental Education Association.
- 2017 *Strategies for Teaching Writing Effectively*. University of Iowa Office of Teaching, Learning & Technology.
- 2017 *Challenging Conversations in the Classroom: Practical Strategies for Facilitating Robust, Inclusive, and Civil Debate*. University of Iowa Office of the Vice President for Research.
- 2013 *Effective teaching strategies for conquering gender bias in the college classroom*, University of Iowa Office of Teaching, Learning & Technology.

Professional Development

- 2021 *Implicit Bias in the Search Process: Train-the-Trainer*. University of Iowa Division of Diversity, Equity, and Inclusion. [Training/Development Program]
- 2020 *Iowa BUILD: Strategies for Managing Difficult Conversations*, University of Iowa Division of Diversity, Equity, and Inclusion.
- 2020 *Beyond the Numbers: Foundations of Diversity, Equity, and Inclusion*, University of Iowa Division of Diversity, Equity, and Inclusion.
- 2020 *Workforce Models' Impact on Education and Practice*, American Dental Hygienists Association
- 2020 *Women of Color Need Courageous Allies in the Academy*, INSIGHT into Diversity; Workshop
- 2016 Healthy Futures Conference, Robert Wood Johnson Foundation
- 2014 *LGBTQ Safe Zone Project, Training – Phase I & Phase II*. University of Iowa Division of Diversity, Equity, and Inclusion.

Research – Training & Development Programs

- 2022 *Write Winning Grant Proposals*, Grant Writers' Seminars and Workshops
- 2022 *A Transcontinental Workshop: Deconstructing Colonial Legacies and Understanding Implications for Public Health*. University of Iowa Native Center
- 2019 *Write Winning Grant Proposals*, Grant Writers' Seminars and Workshops
- 2019 *Exploring effective strategies to address vaccine hesitancy and misinformation*, American Public Health Association
- 2019 *Say What? Science and Skills for Talking about the HPV Vaccine*, American Dental Association Council on Advocacy for Access and Prevention
- 2019 *Geographic Data Visualization Using ArcMap*, University of Iowa Iowa Social Science Research Center
- 2018 *Duke Population Health Sciences Summer Institute*, Duke University
- 2014 *The Craft of Giving Scientific Presentations*, University of Iowa Office of the Vice President for Research and Economic Development.
- 2012 *Evidence-Based Dentistry Review Course*, American Dental Association

