

Bio/ Curriculum Vitae

Dr. Gail Cherry-Peppers, DDS, MS:

DDS, Howard College of Dentistry (1987), M.S. Central Michigan , 1992

Since joining Howard University College of Dentistry, current title is Professor and Director of Oral Diagnostics, Radiology and Community Services and she is also in private practice. The portfolio of courses includes, Dental Public Health, Ethics 1 and 2, and Principles of Medicine, Internal Medicine, Advanced Radiology, Summer Radiology and Introduction to Clinical Dentistry.

Dr. Cherry-Peppers oversees a large part of HUCD's student community outreach and cultural event activities. Several activities include RAM in Waldorf, Md. And Knoxville, Texas, Virginia and Tennessee, Free Clinic of Virginia, Lynchburg, Jamaica Mission Trips and So Others Might Eat (S.O.M.E). Students participate in more than 30 cultural and community service events biannually. These events include Health Fairs, Mission Trips externships, community chronic disease and treatment events, and clinical rotations in underserved areas across the US. More than 10,000 patients have been seen on the Mission trips spear-headed by Dr. Cherry-Peppers and her faculty team over the past 3 years. The team took the students on rotations during the most severe time of the Covid-19 pandemic.

Dr. Cherry-Peppers oversees day-to-day clinical operations in Oral Diagnosis and Radiology and Screening Clinics, patient intake and radiology. More than 200 students rotate annually. Additionally, the Clinically Ill and Aging Program, (CIAP) Clinical Rotation provides students the opportunity to re-enforce the treatment of Geriatric, medically compromised and patients who are disabled. She also monitors post-doctoral dental students.

Dr. Cherry- Peppers retired military from the US Public Health Service as a Captain, where she worked at several HHS Agencies, (NIH, HRSA, FDA) as a Dental Clinical Consultant with focus on the oral manifestations of chronic disease and population sciences. Dr. Cherry-Peppers has been the lead Oral Medicine Specialist on the AIDS Education and Training Center (AETC) Dental Section, she has led numerous initiatives. Dr. Cherry-Peppers had leadership and service roles in projects encompassing women's health, Tobacco Use and Oral Health, HIV, Million Hearts and Chronic Diseases in minority segments. Dr. Cherry-Peppers has numerous presentations.

Publications while at HUCD (full list upon request)

1.Cherry-Peppers, GC., Jackson, AD, et al. (2020) "Oral Mucosal Membrane Exposure and Adverse Health Risks Secondary to the Use of Smokeless Tobacco". Acta Scientific Cancer Biology. 4:11:10-16.

Contribution to Science, Overview and Impact: Smokeless tobacco use is dangerous to oral health and systemic health. This article is an overview of the adverse health effects on the long-term use of tobacco.

2. Cherry-Peppers, G., Karapetian, C., Kumar, AM., Morton, IJ., Brown, R. (2021) "Macular Pigmented Oral Mucosal Lesions: An Amalgam Tattoo Case". Dentistry Today 40 (4): 88-92.

Contribution to Science, Overview and Impact: An amalgam tattoo is a pigmented oral mucosal lesion, in which the diagnosis is best confirmed through histologic analysis. Failure to elucidate the correct diagnosis can lead to improper treatment and management of this finding.

3. Cherry-Peppers, G, Jackson, AD, Fryer, CE, et al. (2021) “Efficacy of Medical Consultation to Improve Oral Health Outcomes in Patients with Sickle Disease”. *Acta Scientific Dental Sciences*. 5 (1) 130-135.

Contribution to Science, Overview and Impact: This article summarizes the differential diagnoses related to sickle cell disease that can result when assessing differential diagnoses and conditions to support best practices through medical consultation.

4. Cherry-Peppers, G., McIntosh, C., Sonnier, J., Brown, R. (2023) “MRG (Oral Candidiasis) Masquerading as Geographic Tongue”. *Dentistry Today* 43 (3): 74-78.

Contribution to Science, Overview and Impact: This article summarizes the differential diagnoses that can result when assessing median rhomboid glossitis, and other risk factors and features of tongue lesions.

5. Cherry-Peppers, G., Jackson, A., Fryer, C., et al. (2022) Approaches to Broaden Messages About the Harms of Tobacco Use. *American J of Biomedical Sci & Research*. 14 (2) 127-130

Contribution to Science, Overview and Impact: This article summarizes the differential diagnoses that can result when using E-cigarettes, and other risk factors.

6. Cherry-Peppers, G., Fryer, CE., Jackson, AD., Ford, D., Dunmore-Griffith, et al. (2023) Sickle Cell Disease: Contributing Factors and Radiological Assessments. *Journal of the National Medical Association*, 5 (004) 1-6.

Contribution to Science, Overview and Impact: Relevant oral disease indicators are noted in patients with sickle cell. In addition to severe excruciating pain, and systemic impact, notable oral findings of radiopacities and changes in bone patterns may also cause pain in the jaw.

7. Cherry-Peppers, G., Fryer, CE., Gu, X., Ford, D. Glascoe, et al. (May 2023). “A Review of the Relationship Between Oral Health, Chronic Diseases and the Importance of Comprehensive Medical Consultations” ; *Journal of the National Medical Association*, (Submitted and in Press) May, 2023

Contribution to Science, Overview and Impact: This article summarizes medical conditions and their relationship to dental health. As medical conditions become severe, dental health generally worsens.

8. Liu, M., Kao, D., Gu, X. Holland, W. Cherry-Peppers, G. (2022) “Oral Health Service Access in Racial/Ethnic Minority Neighborhoods: A Geospatial Analysis in Washington, DC, USA”. *J Environmental Res and Public Health* 19 (4988) 1-12. [Contribution to Science, Overview and Impact:](#) The impact is to increase awareness about the need for dentists to be in poor neighborhoods where patients have high need and how to assess these conditions.

9. Davis, J., Lui, M, Xu, G, Kao, D, Cherry-Peppers, G. (2022) Using GIS to analyze Inequality to access dental care. *AMA J Ethics* 24 (1), E41-47.

10. Brown, R., Farquharson, A., Cherry-Peppers, G. et al. (2020) "A Case of Cheilitis Granulomatosa". Clin, Cosmetic, and Investigative Dent. 12:219-224.
Contribution to Science, Overview and Impact: This article summarizes the differential diagnoses that can result when assessing cheilitis granulomatosa.
11. U.S. Department of Health and Human Services. (2021). Oral health in America: A report of the Surgeon General. Advances and Challenges. (Author and Contributor)
Contribution to Science, Overview and Impact: The objective of this report is to increase awareness about trends in oral diseases that impact the nation. Assessment and treatment these conditions are evaluated.
12. Taylor-Bishop, Nesbit, P., Cherry-Peppers, et al. (2022) Evaluation of Barriers for Gum Disease, Oral Health Dental Sci, 6 (4); 1-8pp.
Contribution to Science, Overview and Impact: This article summarizes the differential diagnoses that can result when assessing periodontal diseases, and other risk factors.
13. Taylor-Bishop, D., Mncube-Barnes, F., Ameyaw, E., Cherry-Peppers, G. et al. (2023) Determinants of Dental Care Utilization, Unmet Dental Care Need, and Barriers among Women of Reproductive Age in the US. Oral Health Dental Sci, 7 (3); 1-7 pp
Contribution to Science, Overview and Impact: This article summarizes the differential diagnoses that can result when assessing periodontal diseases, and other risk factors
14. Fryer, C., Boxill, S., Jackson, AD., Cherry-Peppers, G. et al. (2024) Chronic Diseases and Oral Manifestations in Aging Populations, Gerontology and Geriatric Medicine 8 (3): 1-8.
Contribution to Science, Overview and Impact: This article summarizes the differential diagnoses that can result when assessing oral manifestations in older populations, systemic conditions and other risk factors
15. Gillian Robinson-Warner, Ashleigh Bellamy, Gail Cherry-Peppers, Cheryl E Fryer, Alphonzo Davidson, Shakeya Munday, Magda Barini-Garcia, Priti Lotlikar, Geetanjeli Sheogobind, Gretchen Peppers, Gianna Muse, Phyllicia Hemphill, Arianna Berry, Maliika Tracey, Jelani Thompson, Taylor Spruill and Sydney Tompkins. (2024) The Perils of Wearing False Eyelashes. Dental Acta Scientific 8 (6) 17-21.
16. Lisa Slade, Gail Cherry-Peppers, Jezelle Sonnier, Gillian Robinson Warner, Xinbin Gu, Mayra Suero-Wade, Maliika Tracey, Jelani Thompson, Alphonzo Davidson and Alphonzo Davidson, III. (2024) Diabetes and its Impact on Root Canal Therapies and Other Oral Conditions. Acta Scientific Dental Sciences, 8 (4) 2-7.
17. Cherry-Peppers, Gillian Robinson-Warner, Lisa Slade, Joy Jordan, Toni Adderly, Pamela Brady, Sharon-Long-Stokes, Gretchen Peppers and Andrew Boston; (2024) A Double Threat to Oral health: The Inflammatory Processes of Diabetes and Tobacco Use. Acta Scientific Dental Sciences, 8 (5):23-26.

18. Lan, Minxuan, Eric Niu, Meirong Liu, Sadiyah Anderson, LaToya Barham, Tanya Greenfield, Gail Cherry-Peppers, and Xinbin Gu. "Pediatric oral health service access in racial/ethnic minority neighborhoods: a geospatial analysis in Washington, DC, USA." *Dental research and oral health* 7, no. 1 (2024): 36.

Contribution to Science, Overview and Impact: The impact is to increase awareness about the need for dentists to be in poor neighborhoods where patients have high need and how to assess these conditions.

19. Munday, S., Noel, K., Cherry-Peppers, G., Davidson, A., et. al. (2026) Alzheimer's Disease, Down Syndrome and Periodontitis: What is the Connection?; *Gerontology and Geriatric Medicine*. 9:(3): 2-8

Contribution to Science, Overview and Impact: This article summarizes the differential diagnoses that can result when assessing Alzheimer's and oral manifestations in older populations, systemic conditions and other risk factors. Proteins are correlated with Down's Syndrome and periodontal disease.

20. Butler, C., Fryer, CE, Cherry-Peppers, et al. (2026) Systemic Conditions and Dentures. *Acta Scientific* 26: 1-6.

Contribution to Science, Overview and Impact: This article summarizes the complications that can result when assessing chronic conditions and periodontal diseases, and other risk factors in denture completion.

21. Noel, KE, Munday, S. Cherry-Peppers, G., Fryer, C. et al. (2026) Eosinophilic Granuloma of the Tongue in an HIV patient: A Case Report. *Gerontology and Geriatric Medicine* 9: 4 1-6.

Contribution to Science, Overview and Impact: This article summarizes the complications that can result when assessing chronic conditions in patients with HIV, and other risk factors.

22. Lan, Minxuan, Eric Niu, Meirong Liu, Sadiyah Anderson, LaToya Barham, Tanya Greenfield, Gail Cherry-Peppers, and Xinbin Gu. "Pediatric oral health service access in racial/ethnic minority neighborhoods: a geospatial analysis in Washington, DC, USA." *Dental research and oral health* 7, no. 1 (2024): 36.

Contribution to Science, Overview and Impact: The impact is to increase awareness about the need for dentists to be in poor neighborhoods where patients have high need and how to assess these conditions.

23. [CITATION] US Department of Health and Human Services oral health strategic framework, 2014–2017

..., D Nelson, L Norris, J O'Hara, G Cherry-Peppers... - Public Health ..., 2019 - cir.nii.ac.jp
Public Health Reports.

Honors and Awards

2023 Dental Services to the Underserved, Certificate Remote Area Medical (RAM)

2022	Distinguished Faculty Award, Howard University College of Dentistry
2021	Exceptional Hardship Award for COVID-19 Support
2019	Phenomenal Woman Dentist Award,
2018	Outstanding Public Health Leadership Award, Rural Health Dental Society (Flagstaff Chapter)
2017	USPHS Outstanding Service Award for Oversight of the PATH (Population Assessment of Tobacco and Health Study)
2016	Phenomenal Surgeon Generals' Outstanding Service Award for the Serving on the Oral Health Coordinating CC
2014	Women's Award- National Dental Association
2007	USPHS Commendation Medal for leading program directives for Dental HIV Services in Patients