

Curriculum Vitae

Bridgette H. Rhodes, DDS

Clinical Assistant Professor | Dental Educator | Researcher | Academic Innovator

Department of Comprehensive Care
Restorative Dentistry Division
Howard University College of Dentistry
Washington, DC
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Professional Profile

Clinical Assistant Professor, dental educator, researcher, and academic innovator with more than ten years of experience in dental education, restorative dentistry, dental materials, oral cancer prevention, curriculum development, student mentoring, university leadership, and international collaboration. Recognized for developing innovative educational resources, leading interdisciplinary initiatives, mentoring future dental professionals, and advancing international collaborations focused on preventive oral health.

Areas of Expertise

- Restorative Dentistry
- Dental Materials
- Predoctoral Dental Education
- Curriculum Development
- Oral Cancer Prevention
- Student Mentoring
- International Academic Collaboration
- Educational Technology
- Preventive Dentistry

Education

- Howard University College of Dentistry — Doctor of Dental Surgery (1993)
- South Carolina State College — B.S. Mechanical Engineering Technology (1982)

Academic Appointments

- Clinical Assistant Professor, Howard University College of Dentistry (2014–Present)
- Clinical supervision of D3 and D4 students in Comprehensive Care
- Restorative Dentistry instruction, curriculum development, student assessment, and faculty mentoring

Teaching

- Course Director (2014–2018): Dental Materials (Dental Hygiene & D1), Dental Materials Laboratories, Behavioral Dentistry

- Faculty Advisor, Student Holistic Dental Association (2019-present)
- Research Week 2026 Faculty Mentor
- Poster: BPA Exposure and the Potential of Detrimental Effects on Overall Health for the Dental Provider and Patient (2026)
- Clinical supervision of approximately 160 D3/D4 students annually

Scholarship

Brown RS, Barham LM, Rhodes BH, Lawrence LM. *The Formocresol Pulpotomy: Should We Continue Its Use?* **The Journal of Dentists.** 2017;5(1):47-51. doi:10.12974/2311-8695.2017.05.01.7

Brown RS, Rhodes BH, Siewe MS, Matthews TJ. *Severe xerostomia secondary to anticholinergic drug therapy: Case report.* **Dentistry Today.** 2017.

Presentations on oral cancer prevention in Sudan and India.

CORE (Collaborative Oral Health & Education): Antibiotic stewardship research

Leadership

- Chair, Vision & Innovation Committee Howard University College Of Dentistry (2026–Present)
- Chair, Moral and Environment Committee Howard University College Of Dentistry (2025)
- Founder, Chew Free Future Oral Cancer Prevention Initiative

University Service

- Faculty Senate – Governance, Constitution and By-Laws Committee (2014-2016)
- Faculty Senate – Community Relations, Student and Alumni Affairs Committee (2016-2018)
- College of Dentistry Representative, Program Innovation Review Committee (2022–2025)
- Interprofessional Education Committee (2024–2025)
- Faculty Facilitator – Interprofessional Education Days (2017, 2020, 2021, 2024)

College of Dentistry Service

- Infection Control Committee (2020–Present)
- Promotion Committee (2014-2015)

Professional & Community Service

- Remote Area Medical Clinical Faculty Supervisor (2022)
- Mission of Mercy Clinical Faculty Supervisor (2024, 2026)
- Lead Faculty, Republic of Sudan Dental Mission (2018)

- Lead Faculty, Republic of Sudan Dental Mission (2020 – Planning and preparation completed; mission canceled due to the COVID-19 pandemic)

International Activities

- Republic of Sudan
- JSS University & Research Hospital, India
- International oral cancer prevention collaborations

Innovation & Educational Technology

- Developer, RhodesMap Dental Materials Mobile Application
Developed the RhodesMap Dental Materials Mobile Application, an educational resource designed to reinforce dental materials concepts for predoctoral dental and dental hygiene students. The application was created to complement classroom, laboratory, and clinical instruction by providing an accessible, technology-enhanced learning platform for reviewing dental materials, restorative procedures, and evidence-based concepts. The RhodesMap app reflects commitment to integrating innovative educational technology into dental education to strengthen student learning, improve clinical readiness, and support lifelong learning.
- Innovation portfolio integrating educational technology, prevention, oral cancer research, and international collaboration

Strategic Academic Initiatives

Chew Free Future Oral Cancer Prevention Initiative

Founder of an interdisciplinary initiative promoting oral cancer education, prevention, early detection, community outreach, student engagement, and research through sustainable national and international collaborations.

International Collaboration with JSS University

Developing long-term educational and research collaborations focused on oral cancer prevention, preventive dentistry, innovative dental materials, faculty exchange, student engagement, chemoprevention, and preventive oral health.

CORE Research Collaboration

Collaborating on antibiotic stewardship research emphasizing evidence-based prescribing, responsible antimicrobial use, and improved patient outcomes.

Emerging Research Initiatives

Integrating RhodesMap, Chew Free Future, CORE, and JSS University into a unified research agenda focused on oral cancer chemoprevention, plaque-removing chewing gum development, preventive dental materials, artificial intelligence in dental education, and international collaboration.

Honors & Awards

- African Women's Cancer Awareness Association Awardee (2018)
- Republic of Sudan Ministry of Higher Education and Scientific Research Awardee (2018)
- African Women's Cancer Awareness Association Certificate of Appreciation (2018)
- Nominated, Female Faculty of the Year (2018–2024)

Professional Memberships

- American Dental Education Association (ADEA)