

CURRICULUM VITAE
Sharon M. Gordon, DDS, MPH, PhD

EDUCATION

Degrees

1997 – 2003 Johns Hopkins University, School of Public Health, Doctorate of Philosophy
1993 – 1996 Johns Hopkins University, School of Hygiene and Public Health, Master of Public Health

1987 – 1991 University of Texas Health Science Center Dental School, San Antonio, Doctorate of Dental Surgery
1986 University of North Texas, Bachelor of Arts in Biology

Residencies and Fellowships

1996 – 1997 Resident, Dental Public Health, Molecular Epidemiology and Health Promotion Branch
National Institute of Dental and Craniofacial Research, National Institutes of Health (NIH)
1991 – 1993 General Practice Residency, University of Texas Health Science Center at San Antonio, TX
1997 – 1999 Staff Fellow, Oral Infection and Immunity Branch, National Institute of Dental Research, NIH
1993 – 1996 Individual National Research Service Awardee (F35 DE05648)
Neurobiology and Anesthesiology Branch, National Institute of Dental Research, NIH

ACADEMIC APPOINTMENTS

2018 - present Dean, University of Connecticut School of Dental Medicine
Professor (tenured), Division of Behavioral Sciences and Community Health
Adjunct, Department of Public Health Sciences, School of Medicine
2013- 2018 Professor and Chair (tenured), Department of Foundational Sciences
Associate Dean for Innovation and Discovery, School of Dental Medicine, East Carolina University
2014- present Secondary appointments: Department of Public Health, ECU Brody School of Medicine
Adjunct faculty, MPH program and Center for Health Disparities
Graduate faculty, ECU Graduate School
2013-2014 Volunteer appointment, Professor, University of Maryland, Baltimore, MD
2013 Professor (tenured), School of Dentistry, University of Maryland, Baltimore, MD
2004 - 2013 Associate Professor (tenured), School of Dentistry, University of Maryland, Baltimore, MD
2008 Associate Professor (tenured), Department of Oral and Maxillofacial Surgery
2004-2008 Associate Professor (tenure-track), Department of Biomedical Sciences
2012 Secondary faculty, School of Nursing, University of Maryland, Baltimore, MD
2009 Secondary faculty, MPH program, Department of Prevention and Epidemiology
School of Medicine, University of Maryland, Baltimore, MD
2008 - 2010 Adjunct Associate Professor, Department of Epidemiology and Biostatistics
School of Public Health, University of Maryland, College Park, MD

EMPLOYMENT OTHER THAN HIGHER EDUCATION

2002 –2004 Special Assistant for Research Training, Career Development, and Education
Office of the Director, National Institute of Dental and Craniofacial Research, NIH
1999 – 2003 Director, NIDCR Office of Education
Division of Intramural Research, National Institute of Dental and Craniofacial Research, NIH
1999 – 2004 Staff Scientist, Division of Intramural Research, National Institute of Dental and Craniofacial
Research, NIH
1993 Independent Associate with the Ella Austin Health Center, Public Health Clinic, San Antonio, TX

1992 – 1993 Independent Associate with Stephen Wood, DDS, San Antonio, TX
1988 – 1992 Research Assistant, Facial Pain Clinic, University of Texas Health Science Center Dental School
1987 Office Administrator, Horizon Dental Clinic, Denton, TX
1987 Medical Technology Training Program (Work-study Program)
Biology Department, North Texas State University, Denton TX
1986 – 1987 Surgical Assistant and Office Manager for Shab R. Krish, DDS, MS, Lewisville, TX
Summer 1986 Receptionist and Dental Assistant for Merrill W. Russell, DDS, Lewisville, TX
1980 – 1984 Office and Dental Assistant for Manly B. Johnson, DDS, Inc., Lewisville, TX

Uniformed Service

1990 Public Health Officer, Commissioned Officer Student Training Externship,
Field Station Centro del Barrio, San Antonio, TX

CLINICAL CERTIFICATION AND LICENSURE

Certification

1997 - present Diplomate (Specialty Certification), American Board of Dental Public Health
1994 Fellow, Academy of General Dentistry
1991-1993 General Practice Residency, University of Texas Health Science Center at San Antonio
2017 (active) American Heart Association, Advanced Cardiac Life Support
2017 (active) American Heart Association, Basic Life Support

Professional Licensure

National Provider Identifier: 1548606510
2019 –pending Connecticut Limited Dental License
2014- present North Carolina Limited Dental License (0160) Liability carrier: Fortress
2014-2017 DEA #FE4821206, Schedules 2, 2N, 3, 3N, 4, 5
2006-2013 Maryland Limited Dental License, Teaching and Research License (55)
1991- present Texas State Board of Dental Examiners, unrestricted license with sedation permit (16500)

Hospital Privileges, Memberships

2019 – pending John Dempsey Hospital
2013 - 2018 Leo Jenkins Cancer Center, affiliated with UNC Lineberger NIH Comprehensive Cancer Center, NC
2007 - 2013 Greenebaum NIH Comprehensive Cancer Center, MD
2006 - 2013 University of Maryland Medical Systems, MD
1993 - 2010 Warren Grant Magnuson Clinical Center, NIH
1991 - 1993 Medical Center Hospital, Bexar County Hospital District of San Antonio, TX
1991 - 1993 Audie Murphy VA Hospital, San Antonio, TX

Faculty Practice

2005 – 2013 University of Maryland School of Dentistry, General Dentistry and Facial Pain Clinic

HONORS AND AWARDS

2019 Alan J. Davis Award/Student Competition for Advancing Dental Research and its Application
2012 UMB Graduate School's Dr. Patricia Sokolove Outstanding Mentor Award
2010 Distinguished Scientist Award, Pharmacology, Toxicology, and Therapeutics Group, IADR
2008 Phi Chapter, Omicron Kappa Upsilon National Dental Honor Society
2006 Scholar, K12 Award "Bridging Interdisciplinary Research in Women's Health"
2006 American College of Dentists
2005-2012 NIH Loan Repayment Award, Clinical Research category
1999 Equal Employment Opportunity Special Achievement Award
1997 AAPHD Graduate Student Merit Award
1997 Scientific Director's Post-Doctoral Travel Award
1995 Unilever Travel Award
1995 AADR Edward H. Hatton Awards Competition, finalist
1994 Scientific Director's Post-Doctoral Travel Award
1994 Anesthesia Research Foundation Research Award
1990 ADA Certificate of Recognition for Volunteer Services in a Foreign Country
1990 Caulk-Dentsply Award, ADA Clinical Science Symposium, first place
1990 UTHSC Pre-AADR/IADR Competition. First place, clinical research category
1989 ADA Clinical Science Symposium. First runner-up, clinical research category
1986 Who's Who Among American Colleges and Universities
1985-1987 Blue Key National Honor Fraternity
1985-1987 Gamma Beta Phi Honor Society
1986 Beulah Harris Pre-Health Scholarship
1985, 1986 Charles Saunders Pre-Dental Scholarship

PROFESSIONAL ACTIVITIES AND SERVICE

University of Connecticut

University

2018 to present Deans Circle

UConn Health

2019 to present Opioid Task Force

2019 to present Practice Transformation Network

School of Dental Medicine

2018 to present Chair, Dean's Advisory Committee

East Carolina University

Standing committees and memberships

University

2018 Brody Women Faculty
2016 – 2018 Clinical Trials Internal Advisory Board
2014 – 2016 Technology Transfer Committee
2013 – 2018 University Research Council
2013 – 2018 Health Sciences Division Research Council

School of Dental Medicine

2016 – 2018 Clinical Affairs Committee
2016 – 2018 Quality Assurance/Quality Improvement Committee
2015 – 2018 Faculty Development and Continuing Education Committee, Co-Chair
2013 – 2018 Curriculum Committee
2013 – 2018 Research and Scholarship Committee, Chair
2013 – 2018 Dean's Executive Council
2013 – 2018 Administrative Advisory Council
2013 – 2018 Student Progress Committee
2013 – 2015 Faculty Student Research Advisor
2013 – 2015 Faculty Advancement and Promotion Working Group
2013 – 2014 Admissions Committee, DMD Program

Ad hoc committees

2017 – 2018 Search committee: Faculty, College of Engineering and Technology
2017 – 2018 Search committee: Associate Vice Chancellor for Research, Health Sciences Division
2017 Search committee: Dean, College of Engineering and Technology
2016 – 2017 Search committee: Vice Chancellor for Research, Economic Development, and Engagement
2016 – 2017 Search committee: Associate Dean for Research, Brody School of Medicine
2015 Chair, search committee for Department Chair, Surgical Sciences
2013 – 2015 Working group for Commission on Dental Accreditation self studies; site visits, SoDM

University of Maryland, Baltimore

Graduate Program in Life Sciences

2005 – 2013 Program in Neuroscience; Human Genetics

Standing committees

2010- 2013 Admissions Committee, DDS Program
2012 Departmental Advancement, Promotion, and Tenure Committee
2009 - 2013 Director, Graduate Education and Training, School of Dentistry

2010 Graduate Programs Self-Study and Accreditation
 2008 - 2013 Director, dual degree programs (DDS)
 2008 - 2013 Interdisciplinary MPH Steering Committee
 2007 - 2013 Clinical and Translational Science Award working group: Research Training/Career Development
 2007 Continuing Education Committee
 2005 - 2013 Short-term Summer Research Program Committee
 2006 - 2013 Faculty Student Research Advisor
 2004 - 2013 Training Program in Oral and Craniofacial Biology Oversight Committee
 2010 - 2013 Chair, Research Training Oversight Committee (renamed)
 2005 - 2007 PhD in Biomedical Sciences examining committee
 2005 - 2007 Technology Classroom Committee, Co-Chair
 2004 - 2013 General Clinical Research Center Advisory Committee
 2004 - 2006 Curriculum Innovation and Management , Committee Chair

Ad hoc committees

2010-2011 Working group for Commission on Dental Accreditation, graduate programs and Standard 6
 2007 Faculty Chair, *ad hoc* Judicial Board

National and International (other than peer review and consulting)

2010 - 2015, 2018/9 American Dental Association Commission on Dental Accreditation, site visitor
 2012, 2013, 2015, 2017 Advocacy Day on Capital Hill
 2011 - 2018 Board of Directors, Dentsply-Sirona Student Clinician Award Program (SCADA)
 2018 – 2019 *ex-officio*, Judges liaison
 2011 - 2017 Faculty Advisor, AADR National Student Research Group
 2009 - 2010 National Human Genome Research Institute, NIH PhenX project “Phenotypes and Exposures”
 2008 - 2010 University of Missouri, Kansas City Dental School, T32 program External Advisory Board
 2006 - 2010 University of Connecticut, Dental School, T32 program External Advisory Board
 2004 - 2011 Judge, ADA Dentstply Student Competition (SCADA)
 2004, 2005, 2007 “Chronic GVHD: The Next Frontier” NIH Consensus Development Project on Criteria for Clinical Trials in Chronic GVHD
 2003 - 2004 NIH Clinical Research Enterprise Subcommittee: Workgroup to Enhance Clinical Research Workforce Training, NIH Roadmap Committee
 2002-2005, 2009-2012 AADR Fellowships Committee
 2001 - 2004 NIH Science Education Resource Group, member
 2000 - 2004 NIH Clinical Research Training Program
 2000 - 2004 NIDCR Graduate Training Committee, Chair
 1999 - 2004 NIDCR Student Life Committee, Chair
 1999 - 2005 Medical University of South Carolina, DMD/PhD training program Admissions Committee
 1999 The National Academies Committee on Science, Engineering and Public Policy
 Working Group on Enhancing the Postdoctoral Experience, NIH focus group member
 1999 - 2004 NIH Training Directors Committee, member
 1999 - 2004 Graduate Medical Education Committee, member
 1994 - 2001 National Institute of Dental and Craniofacial Research, NIH Institutional Review Board, member

Professional Society and Scientific Memberships and Affiliations

1994 to present American Association of Public Health Dentistry
 2014 to present American Board of Dental Public Health
 2019 – 2020 President
 2018 – 2019 Vice President, auditor
 2017 - 2018 Secretary/Treasurer
 2015 - 2017 Director
 2014 - 2015 Director-elect
 2011 to present American Association of Women Dentists
 2009 - 2014 Association of University TMD and Orofacial Pain Programs, member
 2013- 2014 Immediate Past President

2012- 2013 President
 2011- 2012 President-elect
 2009 - 2012 Academy of General Dentistry
 2008 to present Omicron Kappa Upsilon National Dental Honor Society
 2018 to present Pi Chi Chapter, *University of Connecticut School of Dental Medicine*
 2015 – 2018 Beta Eta Chapter, *East Carolina University School of Dental Medicine*
 2011- 2015 Phi Chapter, President-elect (2011), President (2012) *University of Maryland Dental School*
 2006 - 2013 American College of Dentists
 2006 - 2013 UMB Women’s Health Research Group
 2005 – 2018 International Association for the Study of Pain
 2005 to present Multinational Association/Supportive Cancer Care, *Oral Care Group*
 2004 - 2013 UMB Programs in Neuroscience and Genetics
 1989 to present International Association of Dental Research/ American Association of Dental Research
 2012 - 2017 *Faculty Advisor, National Student Research Group*
 2017 - 2019 *Council Member, Institutional Sections*
 2013 - 2018 *Development Committee*
 2009 - 2013 *Council Member-at-large*
 2002-2005, 2009-2012 *Fellowships Committee*
 1993 to present *Neuroscience Group*
 1997 – 2005; 2010 to present *Behavioral and Epidemiologic Research Group*
 1997 to present *Pharmacology, Toxicology, Therapeutics Group*
 1999 - 2002, 2012-2013 Secretary/Treasurer
 2002 - 2003 Vice-President
 2003 - 2004 President-elect
 2004 - 2005 President
 2005 - 2006 Immediate Past President
 2019 – present *Connecticut Chapter*
 Washington DC Chapter
 2000 - 2003 Secretary/Treasurer
 2003 - 2004 President
 2002-2005, 2009-2012 *IADR/AADR Teller’s Committee*
 1994 - 1999 Federation of Special Care Dentistry
 1992 to present American Association of Hospital Dentists, fellow
 1988 to present American Dental Association, member
 2011 – 2017 board member, Student-Clinicians, American Dental Association (SCADA)
 2018 to present Connecticut State Dental Association, Hartford
 2013 – 2018 North Carolina State Dental Society, 5th District
 2006 – 2013 Maryland state component and Baltimore city
 2018 to present Commission on Dental Accreditation, site visitor
 2010 – 2015 Commission on Dental Accreditation, site visitor
 1986 - 1992 Delta Sigma Delta Dental Fraternity, San Antonio Chapter

Peer Review

Editorial board Journal of the American Dental Association, 2000-2004
Ad hoc reviewer: Journal of the American Dental Association
 Community Dentistry and Oral Epidemiology
 Clinical Therapeutics
 Oral Surgery, Oral Pathology, Oral Medicine, Oral Radiology, and Endodontics
 Journal of Oral Maxillofacial Surgery
 Journal of Dental Education
 Journal of Dental Research
 Journal of Pain
 European Journal of Oral Sciences
 Neuroscience
 Cancer Chemotherapy and Pharmacology

Arthritis and Rheumatism

Federal funding panels ZRG1 MOSS-D (82) Musculoskeletal, Oral, Skin, Rheumatology, and Rehab Sciences AREA, 2019
Chair, U19 Review Panel (ZDE1 GZ07) “National Dental Practice-Based Research Network,” 2018
DSR Training and Career Development (standing), 2012-2018
NIH D10 SBIR Panel (*ad hoc*), 2016 – 2019
NIH ZRG1 Musculoskeletal Oral and Skin Sciences (*ad hoc*), 2016 – 2017
HRSA Workforce Development (*ad hoc*), 2015
NIH K80 Musculoskeletal Oral and Skin Sciences Special Emphasis Panel (*ad hoc*), 2011-2013
Oral Dental and Craniofacial Sciences Study Section (*ad hoc*), 2010 – 2013
NIDCR, NIH R21 Scientific Review Panel, 2006-2011
NIH Loan Repayment Program review panel, 2005-2008
Department of Veterans Affairs, Repair and Regeneration review panel, 2005-2007

Consulting

2018 Syneos Health, Data Safety Monitoring Board Chair
2012-2013 Eli Lilly and Company, Neuroscience group
2011-2012 Interprofessional Oral Health Care Competencies working group, Health Resources Services Administration, Department of Health and Human Services, U.S. government
2012 Consumer Healthcare Products Association, Oral Discomfort Task Group
2011-2013 Charleston Laboratories, Inc.
2009-2013 Hollingsworth, LLP
2001-2006, 2010-2016 ADA Commission on Dental Accreditation, Specialty of Dental Public Health
2009 RTI, Inc, PhenX (Phenotyping and Exposures) Project
2008, 2009 Novalar Pharmaceuticals, Inc.
2008 SNBL, Clinical Pharmacology Center
2008 Merck Pharmaceuticals “A Randomized, Double-Blind, Placebo-Controlled Parallel Study to Evaluate the Effects of Estrogen on Estrogen Receptor Biomarkers in Healthy Postmenopausal Women”
2007 AstraZeneca, VR1 Clinical Advisory Board
2006 BioAlliance Pharma / i3, Clinical Research Advisory Panel
2006 PriCara Ortho-McNeil Pharmaceutical, Inc and Health Science Communications, Ultram panel

Community Service

2018 Oral Cancer Awareness, Leo Jenkins Cancer Center, ECU and Vidant Health, Greenville, NC
2017 Missions of Mercy Dental Clinic, New Bern, NC
2015 – 2018 New Bern Historical Society, New Bern, NC
2012 La Salud, Health Fair, Baltimore, MD

TEACHING

Higher Education

College of Oral Health Sciences, Univ. Technology, Jamaica

Pain and Analgesia (30 hr) Visiting Lecturer, 2016, 2018

University of Connecticut School of Dental Medicine

Predoctoral

Journal Club (part of Stage 2 “Home Week” course) Facilitator, 2019
Evidence Based Dentistry Facilitator, 2019
Public Health Policy Panelist, 2019

Graduate

East Carolina University, School of Dental Medicine

Foundational Basic Sciences (8x10) Course Director, 2016 - 2018
Community Oral Health Practice (8x40) Course Director, 2013 - 2016

Evidence Base for Oral Health (8140 - 3)	Module Director, 2013 - 2018
Epidemiology and Population Health (8240 – 1)	Module Director, 2013 - 2015
Dental Public Health (8340 - 2)	Module Director, 2013 - 2015
Community Service Learning	Module Director, 2014 - 2016
Professional Ethics (8x30)	Facilitator, 2013 – 2018

University of Maryland, Baltimore

Medical Emergencies (DSUR 541)	Course Director, 2010 - 2013
Profession/Professionalism (PROF 518)	Course Director, 2005 -2010
Ethics section	Group session facilitator, 2004 - 2010
Neurobiology of Pain (BSCI 521A)	Co-Course Director, 2007, 2008, 2012 - 2013
Lecturer	2007-2013
Facilitator	Translational Clinical Conferences, 2008-2013
Selectives Program (SLCT 548)	Co-Course Director, 2004 - 2006
Professional Development Selective	Course Director, 2004-2013
Dental Anesthesiology (DANS/DSUR 538)	Lecturer, 2009 - 2013
Dental Hygiene Practicum (DHYG 418)	Preceptor, 2005-2009
Physiology (BSCI 512P)	Clinical case presentations, 2007-2009
Case Based Conferences (BSCI 518C)	Group session facilitator, 2004-2013
Basic Life Support	Instructor, 2005 – 2007

Graduate:

Introduction to Biomedical Research (DBMS 608)	Course Director, 2010 - 2013
Clinical and Translational Research (PREV 616)	Lecturer, 2011 - 2013
Research Ethics (CIPP 907)	Facilitator 2005, 2007, 2009, 2011, 2013
Noiception, Pain, and Analgesia (DBMS 642)	Lecturer, 2006 – 2013

Virginia Commonwealth University

Evidence Based Dentistry (OCMB 510)	Visiting lecturer, 2003 - 2016
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Continuing Education Provided (A separate list of continuing education taken is available)

2018	Caribbean Institute for Strategic Planning and Research in Oral Health	“Opioid Addiction and the Health Care Professional” “Individualizing Care to Optimize Positive Outcomes for Patients with Chronic Orofacial Pain” “Pain Management Beyond Opioid Analgesics”
2018	Howard University College of Dentistry Victor L. Hancock DDS Symposium	“Pain Control in the Age of the Opioid Epidemic”
2016	Wake Forest School of Medicine Northwest AHEC Annual Mountain Meeting	“Oral Complications of Immunosuppression and Cancer Therapies”
2016	East Carolina University School of Dental Medicine	“Meeting the Challenge of Managing Opioid Risks” Moderator
2016	Southern Illinois University School of Dental Medicine’s Research Day symposia	“Advances in Local Anesthesia” “The Role of the Astute Clinician in Therapeutic Innovation
2016	Vidant Medical Center Grand Rounds	“ECU School of Dental Medicine: Filling the Gap”
2013	Friends of NIDCR Annual Symposium	Panelist, “Growing Our Own: Training Partnerships”
2013	North Carolina Dental Society, 5 th District	“Translating Science into the Art of Pain Management”
2012	Howard University College of Dentistry Victor L. Hancock DDS Symposium	“The Astute Clinician: Strategies for Lifetime Learning and Clinical Innovation” and “Translating Scientific Findings into Improved Pain Therapeutics”
2011	Patuxent Dental Society	“Translating Science into the Art of Pain Management”
2010	American Association of Endodontics	“Translating Science Into the Art of Pain Management”
2009	Friends of NIDCR Annual Symposium	“Translating Science into the Art of Chronic Pain Management”
2009	American Institute of Oral Biology 66 th Annual Meeting	“Translating Science into the Art of Pain and Anxiety Management”

2008	University of Pennsylvania, School of Dental Medicine	“Translating Science into the Art of Pain and Anxiety Management”
2007	Focus on Dental Pharmacology Howard University	“Translating Science into the Art of Pain and Anxiety Management
2006	Greater New York Dental Meeting	“The Integration of Clinical Research Into Dental Therapeutics: The Role of the Astute Clinician”
2006	Oakstone Medical Publishing Co., LLC	“Prevention and Management of Acute Dental Pain” (audiotape)
2005	Loma Linda University School of Dentistry 26 th Annual Dental Anesthesia Symposium	“The Integration of Clinical Research Into Dental Therapeutics: The Role of the Astute Clinician” “Balancing Efficacy and Safety in the Use of Enteral Sedation in Dental Outpatients” “Science of Pain Control”
2004	Monument Dental Society	“The Integration of Clinical Research Into Dental Therapeutics: The Role of the Astute Clinician
1999	American Assoc. of Public Health Dentistry	“Ethical and Public Health Issues in New Drug Development: Thalidomide”
1999	Southwest District Dental Society of New Mexico	<i>Recent Advances in the Management of Pain in Dental Patients</i> “Pain Prevention” “Changing Concepts of HIV Infection” “Need and Demand for Pain and Anxiety Control”
1998	National Naval Dental Center, Bethesda	Continuing Education Course in Periodontology "Analgesia in Periodontal Patients"
1998	19th Annual Anesthesia Symposium Loma Linda University, School of Dentistry	"Pain and Dental Fear/Anxiety in Patients with Special Health Care Needs" and "Pain Prevention and Management"
1997	Continuing Education Course in Clinical Pharmacology, National Naval Dental Center	"Management of Pain: Prevention Not PRN"
1997	Continuing Education Course in Periodontology, National Naval Dental Center	"Pain and Anxiety Control for Periodontal Patients"
1996	Continuing Education Course in Clinical Pharmacology, National Naval Dental Center,	“Research Frontiers in Pain Control”

PRESENTATIONS (seminars, workshops, and symposia, excluding conference and continuing education presentations)

Local/Regional

2018	Seminar, “Community Service Learning Centers: Extending the Reach for Research” ECU School of Allied Health Brown Bag Research Seminar
2017	Panelist, “Outside the Funding Box: Industry Partnerships” STEM@Starlight/Research Mingle
2017	Seminar, “Community Service Learning Centers . . . and Beyond” ECU Council on Engagement and Outreach, Research, Economic Development and Engagement
2016	Seminar, “ECU School of Dental Medicine: Current and Future Research” Department of Pharmacology and Toxicology, Brody School of Medicine, East Carolina University
2016	CE Facilitator, “Managing Risks in Opioid Prescribing” ECU School of Dental Medicine
2015	Seminar, “Self-reported Facial Pain Among Participants Enrolled in the Osteoarthritis Initiative Study” Regional Center for Neurosensory Disorders, University of North Carolina, School of Dentistry
2014	Seminar “Putative Mechanotransducers Associated with Pain in Inflamed Tooth Pulp: Another Reason for Local Anesthetic Failure?” Eastern Carolina Dental Society
2011, 2012	Student Research Day—Howard University
2010	Seminar “Painful Peripheral Neuropathy and Mucotoxicity in Rats Receiving Chemotherapy.” University of Maryland Dental School, Department of Neural Pain Sciences.
2009	Seminar “Evidential Basis of Pharmacotherapeutics for Temporomandibular Joint Disorder” Sinai Hospital Department of Oral-Maxillofacial Surgery and Dentistry, Grand Rounds
2009	Seminar “Science and Art of Acute Pain Management,” Evidence Based Dentistry seminar, UMB
2008	Invited lecturer, Blaustein Conference, Johns Hopkins University “The Impact of Distribution on Drug Safety and Effect”
2007	Presenter, “Gender Differences in Nausea & Vomiting In Response to Oxycodone and the Herbal, Quercetin” University Maryland Aging and Women’s Health Research Day

	Honorable Mention, Faculty Research category
2005-2007	Speaker, Dental Research for Dentistry Today, Program for pre-dental applicants University of Maryland, Dental School
2006	Panelist, Career Development Panel Graduate Program in Life Sciences, UMB
2006	Speaker, “Clinical & Molecular Evaluation of Cancer Therapy Induce Mucosal Injury” John Hopkins University/University of Maryland Pain Workshop
2006, 2005	Speaker, “Tips on Applying for Grants: Insights From the Inside” University of Maryland, Dental School, Post-Doc Network series
<u>National</u>	
2019	Speaker, American College of Legal Medicine “The Ethical Imperative for Access to Oral Healthcare”
2016	Moderator, National Dental Town Hall teleconference, panel discussion of ADA resolution 37.
2016	Keynote speaker, Colgate Dental Student Research Conference, Volpe Research Center at the National Institute of Standards and Technology, co-sponsored by ADA Foundation, Colgate, Volpe Research Center, and National Institute of Dental and Craniofacial Research, National Institutes of Health
2012	Seminar, “TMJD Symptoms in the Osteoarthritis Initiative Cohort Study” Harvard University, School of Dental Medicine
2012	Seminar, “Painful 5-FU Neuro- and Mucotoxicity is Mediated by Inflammatory Dysregulation” Virginia Commonwealth University, School of Dentistry
2012	“Meet a Mentor” lunch and learn session, 41 st Annual Meeting of the AADR
2012	Seminar, “Painful 5-FU Neuro- and Mucotoxicity is Mediated by Inflammatory Dysregulation” University of Medicine and Dentistry at New Jersey
2011	Oral Health Disparities Research and the Future Face of America—AADR Fall Focused Symposium
2011	Dental Student Research Day—ADA/NIST/NIH joint program
2011	Seminar, “Molecular and Clinical Correlates of Pain” Eastern Carolina University, School of Dental Medicine
2011	Seminar “Exploring mechanisms of bupivacaine-related nociception” Medical University of South Carolina, School of Dental Medicine
2007	Invited speaker and workshop facilitator, “The Rationale for Use of Evidence in Dentistry,” Virginia Commonwealth University Retreat
2006	Speaker, “Translational and Clinical Research” Skeletal, Craniofacial, and Oral Biology Symposium University of Connecticut School of Dental Medicine
<u>International</u>	
2016, 2018	Caribbean Institute for Strategic Planning and Research in Oral Health
2011	Keynote speaker Pharmacology, Therapeutics, Toxicology Section “Exploring mechanisms of bupivacaine-related nociception” Annual meeting of the International Association of Dental Research
2011	Symposium organizer/chair “Individualizing Oral Health Care” Annual meeting of the International Association of Dental Research
2009	Co-chair and presenter in “Epidemiology of Orofacial Pain and Disorders” session, AADR
2008	Invited speaker and workshop participant, Conference on CRMO/SAPHO and Behcet’s Disease: “Oral Lesions in Inflammatory Conditions: Studying the Immune Response of Oral Lesions,” National Institute of Arthritis and Musculoskeletal Diseases, NIH
2008	IADR Symposium Chair and speaker, “Local Anesthetics: New and Improved?”
2006	Speaker, “Translational Research” The 4 th Scientific Meeting of the TMJ Association
2004	Program Organizer and Speaker “Professional Skills Development Conference: A Series of Workshops”, NIDCR, NIH
2004	Speaker, NIDCR Research Training Programs, Board on Higher Education and Workforce National Academies of Science
2004	Co-Organizer and speaker, ADA Dental Student Research Symposium
2003	Speaker, HDA 11 th Annual Dental Student Conference
2002	Summit on Dental Education, American Dental Association, Discussion Leader
2002	Speaker, “Five-year Interim Evaluation of the NIDCR Summer Dental Student Award Program”, ADEA/ IADR joint symposium
2001	Panelist in a series of workshops on science careers at NIH: “Scientific Careers in the New Millenium”
2002	Co-Organizer and tour leader, ADA Dental Student Research Symposium
2001	Invited speaker, “Clinical Trials and Tribulations” NYU Clinical Research Symposium

1999, 2000, 2001	Competency Development Working Group Director's Workshop National Dental Public Health Program American Association Public Health Dentistry Health Resources Services Agency
2000	Program Organizer and Chair "Expanding the Capacity for Training in Clinical Research: Partnering Academic Industry and Federal Sectors"
2000	American Association of Dental Schools / IADR/AADR joint symposium Speaker, "Dental Student Research: Our Promise for the Future: Our Challenge for the New Millennium"
2000	American Association of Dental Schools / IADR/AADR joint symposium Speaker "Emerging Research Training Opportunities for Tomorrow's Clinician Scientists"
2000	American Association of Dental Schools / IADR/AADR joint symposium ADA Dental Student Research Symposium
2000	Speaker, "An Alum's Career Path"
1999	San Antonio Chapter AADR Student Research Group "Workshop on Enhancing the Postdoctoral Experience"
1999	Committee on Science, Engineering and Public Policy National Academies of Science
1999	Lunch and Learn, "Clinical Research in an Era of Regulatory Change"
1998	International Association for Dental Research, Speaker, "Hospital Emergency Department Visits for Craniofacial Injuries, 1993-1994"
1998	Symposium: "Use of Federal Databases" American Association of Dental Research
1998	Speaker and Tour Leader, "Future of Treatment of Aphthous Ulcers: Thalidomide" ADA Dental Student Research Symposium
1996	Speaker, "Prevention of Pain" Scientific Frontiers, American Dental Association

CAREER DEVELOPMENT (Excludes Continuing Education taken)

Fall 2018	"New Deans' Workshop", American Dental Education Association
Spring 2018	"Chairs and Academic Administrators Management Program II," Academy for Academic Leadership
Spring 2018	"The Five Behaviors of a Cohesive Team," Matrix Executive Coaching
Fall 2017	"The Emotionally Intelligent Leader," Human Resources workshop, ECU
Spring 2017	"Academic Analytics" workshops for Deans and Chairs, REDE, ECU
Winter 2017	"Supervisor Performance Management" training, Administration and Finance, ECU
Fall 2016	Financial and Managerial Accounting (ACCT6241), School of Business, ECU
August 2016	"Chairs and Academic Administrators Management Program," Academy for Academic Leadership
July 2016	"Conflict Resolution: Mediator Training", ECU
February 2016	"Philanthropic Practices for Academic Leaders in the Health Professions"
February 2016	"Performance Management" Office of Faculty Development, ECU
July 2015	"Clinical Dental Education: Exploring Best Practices", Academy for Academic Leadership
October 2015	"Peer Observation of Teaching" training, Office of Faculty Development, ECU
March 2011, 2014	American Dental Association, Commission on Dental Accreditation site visitor training
December 2010	Symposium on Research Methods for Pain and Musculoskeletal Disorders, NIAMS, NIH
November 2010	Tightening the Genotype-Phenotype Gap: From Genetic Variation to Gene Function, NIAAA, NIH
September 2010	American Dental Association, Commission on Dental Accreditation site visitor training
April 2007	Genomics in Biomedical Research, NHLBI PGA Traveling Tutorials University of Maryland, Program in Genetics and Genomic Medicine
June 2006	Genetic Epidemiology in Populations (340.670) Johns Hopkins Graduate Summer Institute of Epidemiology and Biostatistics
July 2005	Faculty Development Teaching Workshop, University of Maryland School of Medicine

RESEARCH

My research career has centered on the mechanisms of pain and analgesia. Over recent years it has evolved to the evidential

basis of pain management with a focus on provider behavioral modification such as diagnosing and treating acute and chronic facial pain (e.g, opioid prescribing and iatrogenic injury). I continue active clinical trials in complications of cancer therapy (primarily head and neck cancer) and its predictors. As a specialist in dental public health, my educational focus has been on preparing primary care providers for community practice, with an emphasis on interprofessional education and practice.

TRAINEES

A list of trainees mentored is available separately.

FUNDING

ACTIVE

Galera, Inc. (PI: Gordon)

ROMAN: Reduction in Oral Mucositis with Avasopasem Manganese (GC4419) – Phase 3 Trial in Patients Receiving Chemoradiotherapy for Locally-Advanced, Non-Metastatic Head and Neck Cancer

This double-blind clinical trial investigates efficacy, safety, and pharmacokinetics of a proprietary immunomodulator for the amelioration of chemoradiation induced mucositis and explores genetic correlates to mucosal inflammation. *This trial is being conducted for FDA approval.*

COMPLETED NB: end dates with * reflect active funding terminated or transferred

Vigilant Biosciences (PI: Gordon)

Clinical Evaluation of the OncAlert Rapid in Subjects Presenting for Evaluation and/or Initial Biopsy: Impact on Decision-Making

This clinical trial evaluates the OncAlert system in the diagnosis of oropharyngeal cancer. *This trial is being conducted for FDA approval.*

01/15/2018 – 01/14/2019*

relinquished upon departure from ECU 8/2018

Oragenics, Inc. (PI: Gordon)

A Phase 2, Multicenter, Randomized, Double-blind, Placebo-controlled, Study to Assess the Safety and Efficacy of Topically-applied AG013 for the Attenuation of Oral Mucositis in Subjects with Cancers of the Head and Neck Receiving Concomitant Chemoradiation Therapy

This clinical trial is evaluating a novel genetically modified organism for the attenuation of oral mucositis in subjects with head and neck cancer receiving concurrent radiation and chemotherapy. *This trial is being conducted for FDA approval.*

08/18/2017 – 08/17/2019*

relinquished upon departure from ECU 8/2018

NIH U19-DE-22516 (PI: Gilbert; Site PI: Gordon)

Predicting Outcomes of Root Canal Treatment

This prospective observational study is evaluating pain and other clinical and patient-reported outcomes following standard of care endodontic treatment.

07/01/2017 – 06/30/2019*

relinquished upon departure from ECU 8/2018

Galera, Inc. (site PI: Gordon)

A Phase 2, Randomized, Double-Blind, Placebo-Controlled, Multi-center Trial of the Effects of Intravenous GC4419 on the Incidence and Duration of Severe Oral Mucositis (OM) in Patients Receiving Post-Operative or Definitive Therapy with Single-Agent Cisplatin plus IMRT for Locally Advanced, Non-Metastatic Squamous Cell Carcinoma of the Oral Cavity or Oropharynx

This double-blind clinical trial investigates efficacy, safety, and pharmacokinetics of a proprietary immunomodulator for the amelioration of chemoradiation induced mucositis and explores genetic correlates to mucosal inflammation. *This trial was conducted for FDA approval, and has progressed to Phase III (ROMAN).*

10/15/2015 – 11/30/2018

long term follow up

<p>Facial Pain and Comorbidities Among Participants in the Osteoarthritis Initiative and Orofacial Pain Prospective Evaluation and Risk Assessment Studies Cohorts (PI: Gordon; funder: American Association of Women Dentists) This investigator-initiated project was a secondary analysis of two prospective multi-center studies of molecular and clinical risk factors for chronic facial pain.</p>	04/30/2014 – 07/31/2017
<p>C3 Jian, Inc. (PI: Gordon) A Phase 2, Double-Blind, Placebo-Controlled and Open-Label Multi-Center Study to Evaluate the Microbiology and Safety of C16G2 Administered in Multiple Oral Gel Doses to Adult and Adolescent Dental Subjects This double-blind and open label clinical trial investigated safety and efficacy of multiple doses and delivery methods for a proprietary topical caries vaccine. <i>This trial was conducted for FDA approval.</i></p>	11/30/2015 – 01/15/2017
<p>C3 Jian, Inc. (site PI: Gordon) A Phase 2, Randomized, Double-blind, Placebo-controlled Study to Evaluate the Safety and Microbiology of C16G2 Administered in Multiple Oral Gel Doses to Adolescent and Adult Dental Subjects This double-blind clinical trial investigated safety and efficacy of a proprietary topical caries vaccine. <i>This trial was conducted for FDA approval.</i></p>	09/01/2015 – 10/01/2016
<p>Soligenex, Inc. (site PI: Gordon) A Phase 2, Double-blind, Randomized, Placebo-controlled Dose-Escalating Multicenter Study of SGX942 for the Attenuation of Oral Mucositis in Patients Being Treated with Concomitant Chemoradiation for the Treatment of Squamous Cell Carcinoma of the Head and Neck This double-blind clinical trial investigated efficacy, safety, and pharmacokinetics of a proprietary immunomodulator for the amelioration of chemoradiation induced mucositis and explored genetic correlates to mucosal inflammation. <i>This trial was conducted for FDA approval.</i></p>	06/01/2014 – 05/31/2015
<p>NIH R01 DE-018252 (PI: Gold; Gordon role: co-I Aim 2) Mechanisms and Treatment of Dental Pain This study tested the hypothesis that local anesthetic failure observed in the presence of pulpal inflammation, is associated with a change in the expression, relative density and/or biophysical properties of voltage-gated Na⁺ channel subunits along the axons of pulpal afferents.</p>	05/30/2009-05/29/2013
<p>NIH R01 DE019731 (PI: Haythornewaite; Gordon co-I) Biobehavioral Pain Management in TMD This project tested a novel hypothesis concerning the relationship of psychosocial factors with clinical pain persistence.</p>	08/01/2011 – 07/31/2013
<p>NIH P30 NR 014129 (PIs: Dorsey, Faden, Greenspan; Gordon role: mentor for pilot project for genetic risk factors of pain in osteoarthritis) Center for Pain Genetics</p>	08/01/2012 -7/31/2013
<p>St. Renatus, LLC. (site PI: Gordon) A Phase III, Multi-center, Randomized, Double-Blind, Parallel-Groups, Clinical Trial Comparing Kovacaine Mist to Tetracaine Alone and to Placebo Administered Nasally with Respect to Efficacy and Safety for Anesthetizing Maxillary Teeth in Adults This clinical trial determined the safety and efficacy of a novel nasally-administered local anesthetic for restorations in the maxilla. <i>FDA approval 2016.</i></p>	07/01/2012 – 06/30/2013

<p>NIH Pain Consortium (co-PI: Gordon with McPherson) University of Maryland Center of Excellence in Pain Education: Inter-professional Foundations and Applications in Pain Management To develop an interprofessional pain management curriculum resource for health care professionals to advance the assessment, diagnosis, and treatment of pain.</p>	<p>07/01/2012-06/30/2013</p>
<p>NIH T32 DE-019099 (PD: Gordon) DDS-COVRT Training Program This dual degree (DDS-Masters) research training program trained dental students in clinical, translational, and epidemiologic research.</p>	<p>07/01/2008—06/30/2013</p>
<p>NIH T32 DE-007309 (PD: Gordon) Comprehensive Training Program in Oral and Craniofacial Biology This comprehensive research training program trained dental and graduate students, and postdoctoral fellows in basic and translational research.</p>	<p>07/01/2008—06/30/2013</p>
<p>SciClone Pharmaceuticals (site PI: Gordon) A Phase 2b, Multi-center, Randomized, Double-blind, Placebo-controlled Study to Evaluate the Efficacy and Safety of Three Different Doses of SCV-07 in Attenuating Oral Mucositis in Subjects with Head and Neck Cancer Receiving Concurrent Chemotherapy and Radiotherapy This double-blind clinical trial investigated efficacy, safety, and pharmacokinetics of a proprietary T-cell function modulator for the amelioration of chemoradiation induced mucositis and explores genetic correlates to mucosal inflammation. <i>This trial was conducted for FDA approval and has been approved for Phase III.</i></p>	<p>06/01/2011-5/31/2013</p>
<p>NIH P30 NR 011396 (PD: Dorsey; Gordon role: co-director phenotyping core) UMB Center for Pain Studies Translational studies in cancer chemotherapy painful peripheral neuropathy.</p>	<p>08/01/09-07/31/2013</p>
<p>NIH U01 DE017018 (PI: Maixner; Gordon role: pain specialist) Orofacial Pain: Prospective Evaluation and Risk Assessment (OPPERA) A prospective multi-center study of molecular and clinical risk factors for TMJD.</p>	<p>08/01/2012 -7/31/2013</p>
<p>SciClone Pharmaceuticals (site PI: Gordon) A Phase 2, Multi-center, Randomized, Double-blind, Placebo-controlled, Dose Ranging Study to Assess the Safety and Efficacy of SCV-07 for the Delay to Onset of Severe Oral Mucositis in Subjects Receiving Chemoradiation Therapy for the Treatment of Cancers of the Head and Neck This double-blind clinical trial investigated a proprietary T-cell function modulator for the amelioration of chemoradiation induced mucositis and genetic correlates. <i>This trial was conducted for FDA approval and progressed to Phase 3.</i></p>	<p>07/01/2009-12/31/2010</p>
<p>UMB-UMCP pilot project grant (co-PIs: Gordon and Wu) Evaluation of Behavioral and Molecular-Genetic Contributions to Pain Experience in Humans Investigation of psychological and molecular-genetic factors in acute pain experience.</p>	<p>01/01/2009-12/31/2010</p>
<p>Wyeth Consumer Healthcare (site PI: Gordon) Efficacy, Tolerability and Label Compliance of Topical 10% and 20% Benzocaine Gels in Patients With Acute Toothache This multi-site clinical trial examined onset, efficacy, and safety of a topical analgesic for pulpal pain. <i>FDA approval 2012.</i></p>	<p>06/01/2008 – 11/30/2010</p>

American Association of Endodontics (PIs: Mischenko, Fouad; Gordon role: mentor)	07/01/2008 – 06/31/2010
Comparison of Bupivacaine vs Lidocaine on Pain and Inflammatory Regulation Following Endodontic Surgery: a Double-Blind Randomized Controlled Trial This investigator-initiated clinical trial examined the effects of a short vs long-acting local anesthetic on inflammation and pain.	
Anesthesia Research Foundation (PI: Gordon)	09/01/2009-08/01/2010
Development of a Practice-Based Network for Safety of Outpatient Sedation This planning grant contributed to development of a dentist practice-based network to document safety of outpatient sedation modalities.	
NIH U13 DE 019330-01 (PD: Peterson; Gordon role: Associate PD)	10/01/2008 – 09/30/2009
Oral Complications of Emerging Cancer Therapies This was a conference grant; proceedings were published.	
UMB Organized Research Center on Persistent Pain Fund (PI: Gordon)	10/31/2007 – 11/01/2008
This internal grant supported pilot work to develop an animal model of mucositis.	
NIH R21 DE-017357-01 (PI: Gordon)	09/01/2006—08/30/2008
Clinical and Molecular Evaluation of Cancer Therapy-Induced Mucositis This study evaluated clinical and molecular factors in painful oral mucositis, and clinical response to a putative cytokine modulator.	
NIH K12 HD43498-4 (PI: Langenberg; Gordon role: junior faculty)	01/01/2006-12/31/2007
Bridging Research Careers in Women’s Health This mentored award supported 60% of Dr. Gordon’s salary while engaged in research projects investigating the role of gender and pain.	
Novolar Pharmaceuticals (site PI: Gordon)	4/01/2006 – 01/31/2007
Reversal of Soft-Tissue Local Anesthesia With Phentolamine Mesylate This multi-center clinical trial examined a novel local anesthetic reversal agent and anesthesia and pain in children and adults. <i>FDA approval 2010.</i>	
Limerick Neuroscience, Inc (PI: Gordon)	07/06/2006 – 06/30/2008
Activation of P-glycoprotein Efflux Transport on Opioid CNS Effects and Analgesia This investigator-initiated clinical trial examined the reduction of opioid-induced CNS effects through adjunctive use of the herbal, quercetin. <i>This trial was conducted for FDA approval.</i>	
NIH General Clinical Research Center (PI: Gordon)	08/12/2006-05/01/2007
Clinical Research Feasibility Fund, University of Maryland, Baltimore This NIH GCRC seed grant provided funds to conduct pilot research for a Phase I study for a novel therapy for painful oral mucositis.	
NIH F35 DE05648 Individual National Research Service Award (PI: Gordon)	07/01/1993 – 06/30/1996
This research training grant supported my postdoctoral fellowship in neuroscience.	
NIH RESEARCH COLLABORATIONS (Intramural Research Program)	
2009-2014	“Behcet’s Syndrome Natural History Study” (PI: Goldbach-Mansky), National Institute of Allergy and Infectious Diseases, NIH
2007-2010	“Natural History Study of Clinical and Biological Factors Determining Outcomes in Chronic Graft-Versus-Host Disease” (PI: Pavletic), National Cancer Institute, NIH
2000-2010	“Evaluation of Efficacy and Mechanisms of Topical Thalidomide for Chronic GVHD-Related Stomatitis” (PI: Fall-Dickson), National Institute of Dental and Craniofacial Research, NIH

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Dissertations and Theses

PhD Thesis: "Development of Topical Thalidomide for Recurrent Aphthous Ulcers of HIV/AIDS Patients"
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Patents and Inventions

OTT ref: SG-2005-053, "Inhibition of pro-inflammatory cytokines to ameliorate mucosal injury" (topical thalidomide)
 Sharon Gordon
 Reported to NIH through iEdison: 3/30/07
 Rights to invention waived to NIH through iEdison: 2/11/11
 Edison EIR# 0820104-07-0027

Holder for Investigational New Drug applications:
 51,583: Oral Topical Formulations for Enhancing Oral Mucosal Defenses
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