

Program Overview

“An Orientation to the NIDCR/NIH – Strategic Initiatives: Research Priorities for Advancing Oral Health”

DAY 1 - NIDCR, Natcher Auditorium

MONDAY JUNE 15, 2009

7:30 – 8:00 Registration and Continental Breakfast

**8:00–11:30 PLENARY SESSION I:
“STRATEGIC PLANNING FOR FUTURE RESEARCH”**

Moderator: Jane L. Forrest, RDH, EdD

Goals:

1. Examine the status of the existing body of dental hygiene research.
2. Share strategic plans for conducting oral health research from the perspectives of invited organizations: National Institutes of Health, National Institutes of Dental and Craniofacial Research, Canadian Institutes of Health Research, American Dental Hygienists' Association and the Canadian Dental Hygienists' Association.
3. Identify mutual areas of interest and research priorities that overlap across the presented research agendas.
4. Generate discussion about how to foster interdisciplinary and collaborative research efforts to maximize oral health research efforts to attain the goals set forth in the presented strategic plans.
5. Identify research priorities that are best suited to dental hygienists to investigate in alignment with these strategic plans.

8:00 – 8:20	<i>Welcome Remarks and Meeting Agenda Speaker Introductions Dental Hygiene Research: Where are we now?</i>	Jane L. Forrest, RDH, EdD Director, NCDHR, Chair Div I USC School of Dentistry
8:20 – 8:30	Welcome by NIDCR Director	Lawrence Tabak, DDS, PhD Director, NIDCR-NIH
8:30 – 9:00	<i>NIDCR Strategic Plan</i>	Isabel Garcia, DDS, MPH Deputy Director, NIDCR-NIH
9:00 – 9:30	Canadian Institute of Health Research- Institute of Musculoskeletal Health and Arthritis <i>Strategic Plan</i>	Dr. Jane E. Aubin, Scientific Director-IMHA, Canadian Institute of Health Research
9:30 – 9:45	Break	
9:45 – 10:15	<i>Update on Healthy People 2020</i>	Dolores Malvitz, RDH, DrPH Public Health Consultant
10:15 – 10:45	<i>American Dental Hygienists' Association National Dental Hygiene Research Agenda</i>	Jane L. Forrest, RDH, EdD
10:45 – 11:15	<i>Canadian Dental Hygienists Association Dental Hygiene at a Crossroads: Knowledge Creation and Capacity Building in the 21st Century</i>	Salme Lavigne, RDH, MS Professor & Director, School of Dental Hygiene, University of Manitoba, Canada
11:15 – 11:30	<i>End of Session Wrap-Up Discussion</i>	Jane L. Forrest, RDH, EdD
11:30 – 12:45	LUNCH ON YOUR OWN IN CAFETERIA	

12:45 – 2:00 **Tour of the NIDCR Clinical Facilities and NIH Campus**

2:15–5:00 **PLENARY SESSION II: “TRANSLATING RESEARCH TO PRACTICE”**

Moderator: Ann Eshenaur Spolarich, RDH, PhD

Goals:

1. Identify the challenges of adopting new technologies, innovative techniques and treatment methods into practice.
2. Discuss how new knowledge gained from research can be efficiently and effectively translated into clinical practice.
3. Discuss strategies to encourage clinicians to incorporate new knowledge into practice.
4. Learn about Dental Practice-Based Research Networks designed to train clinician investigators to study problems encountered on a daily basis in practice that are of specific interest to practitioners.
5. Explore how dental hygienists can interface with existing DPBRNs to conduct research of interest to practicing clinicians.

2:15 – 2:45	Welcome and Speaker Introductions <i>Increasing Adoption of New Innovations and Effective Practice Recommendations</i>	Ann E. Spolarich, RDH, PhD Associate Director, NCDHR Clinical Associate Professor, USC School of Dentistry
2:45 – 3:15	<i>Historical Overview of Models of Practice Based Research; NIDCR DPBRN Grant Initiative</i>	Donald J. DeNucci, DDS, MS Program Director, Dental Practice Based Research Networks, NIDCR
3:15 – 3:40	<i>An Update from the PEARL Network (NYU) (Practitioners Engaged in Applied Research and Learning)</i>	Ron Craig, DMD, PhD Associate Professor, NYU College of Dentistry; Director, Information Dissemination Core of the PEARL Network
3:40 – 3:55	Break	
3:55 – 4:20	<i>An Update from the Dental PBRN</i>	Gregg Gilbert, DDS, MBA Professor and Chair, Department of Diagnostic Sciences, University of Alabama; Network Chair, DPBRN
4:20 - 4:45	<i>An Update from the Northwest PRECEDENT Practice-based Research Network (U Washington)</i>	Marilyn Rothen, RDH, BS Lead Coordinator Northwest PRECEDENT
4:45 – 5:00	<i>How Can Dental Hygiene Interface with the Dental PBRN Model? End of Day Wrap-Up Discussion</i>	Ann E. Spolarich, RDH, PhD
6:00 – 9:00	Reception/Dinner and Social Networking at DoubleTree Conference Hotel	

“Opportunities for Advancing Dental Hygiene Research”

DAY 2 - DoubleTree Conference Hotel

TUESDAY JUNE 16, 2009

7:15 – 8:00 Continental Breakfast

8:00 – 11:15 AM MORNING CONCURRENT SESSIONS

SESSION A: “EMERGING TECHNOLOGY FROM THE BENCH”

Moderator: JoAnn Gurenlian, RDH, PhD

Goals:

1. Learn about new technologies derived from basic science research that have implications for improving clinical practice.
2. Identify how dental stem cells are being used in the field of regenerative medicine.
3. Share information about how dental stem cells can now be banked by dental consumers for future use as a form of biomedical insurance.
4. Explore various applications for salivary testing in risk assessment using markers for both systemic and oral diseases, including caries.
5. Describe current clinical devices used to assess oral cancer risk in clinical practice.
6. Discuss the benefits and limitations of using these devices for diagnosis and risk assessment in practice.

8:00 – 8:15	Welcome and Speaker Introductions	JoAnn Gurenlian, RDH, PhD President, Gurenlian & Associates, Visiting Doctoral Faculty, Capella University
8:15 – 9:00	<i>Dental Stem Cell Research</i>	Jeremy Mao, DDS, PhD Professor of Dental Medicine Columbia University
9:00 – 9:45	<i>Use of Salivary Diagnostics in Clinical Practice</i>	Paul Denny, PhD Professor, Diagnostic Sciences USC School of Dentistry
9:45 – 10:00	Break	
10:00 - 10:45	<i>Diagnostic Devices for Detecting Oral Cancer</i>	JoAnn Gurenlian, RDH, PhD
10:45 – 11:15	<i>Wrap-Up: Implications for Use of Technologies in Dental Hygiene Practice</i>	JoAnn Gurenlian, RDH, PhD

SESSION B: “CULTURAL CONSIDERATIONS FOR PRACTICE”

Moderator: Cindy Amyot, EdD, BSDH

Goals:

1. Discuss how effective communication improves health outcomes, including diagnostic accuracy, adherence to treatment recommendations, and biological and psychological measures.
2. Discuss how effective communication improves social outcomes, including patient satisfaction, clinician satisfaction, and informed consent, and reduces risk for malpractice.
3. Explore how cultural variables impact the delivery of healthcare services.
4. Identify potential areas of research that study the effects of cultural beliefs and norms on the delivery and receipt of oral healthcare services.
5. Investigate strategies for improving disparities in oral health outcomes due to lack of critical literacy skills.
6. Develop strategies for investigating effective oral healthcare interventions for individuals with low literacy skills based on federal initiatives.

8:00 – 8:15	Welcome and Speaker Introductions	Cindy Amyot, RDH, EdD Professor & Director, Distance Education & Faculty Development, UMKC School of Dentistry
8:15 – 9:00	<i>Clinician –Client Communication to Enhance Health Outcomes</i>	Michele Nanchoff-Glatt, PhD Institute for Healthcare Communication, Canada
9:00 – 9:45	<i>Providing Healthcare Across Cultures</i>	Louanne Keenan, RDH, PhD Director of Education Support, University of Alberta, Canada
9:45 – 10:00	Break	
10:00–10:45	<i>Health Disparities & Health Literacy: Initiatives and Funded Research</i>	TBA
10:45–11:15	<i>End of Session Wrap-Up Discussion</i>	Cindy Amyot, RDH, EdD

11:15 – 1:00 LUNCH AND POSTER SESSION VIEWING

Goals:

1. Share original dental hygiene research with colleagues.
2. Identify topic areas of shared interest to foster collaborative research efforts.
3. Learn new ideas for furthering dental hygiene research work efforts.
4. Assess how the presented research supports dental hygiene research agendas.

1:00 – 4:30 PM AFTERNOON CONCURRENT SESSIONS

SESSION A: “LINKING DENTAL HYGIENE AND SYSTEMIC HEALTH”

Moderator: Rebecca Wilder, RDH, MS

Goals:

1. Explore the relationship between chronic periodontitis and premature death in an adult population.
2. Learn about how to successfully conduct a longitudinal clinical trial with a large study population.
3. Explore the relationship between chronic periodontitis, diabetes and obesity in adult populations.
4. Discuss the role of the dental hygienist in conducting risk assessment, validating assessment tools and promoting behavioral change in the diabetic population.
5. Develop strategies to measure the effectiveness of various models of care delivery to medically-challenged populations.
6. Create plans for research that include appropriate outcome measures for assessing the impact of oral healthcare interventions on patients with systemic disease.

1:00 – 1:15	Welcome and Speaker Introductions	Rebecca Wilder, RDH, MS Associate Professor, Director of Faculty Development & Director of Graduate Dental Hygiene Education, UNC School of Dentistry
1:15 – 2:00	<i>Periodontitis and Premature Death: A Longitudinal, Prospective Clinical Trial</i>	Birgitta Soder, RDH, PhD Director of Dental Hygiene Karolinska Institutet, Stockholm, Sweden
2:00 – 2:30	<i>Periodontal Disease and its Association with Diabetes and Obesity: Clinical Implications</i>	Robert Genco, DDS, PhD Distinguished Professor, Oral Biology and Microbiology University of Buffalo, School of Dental Medicine
2:30 – 2:45	Break	

2:45 – 3:15	<i>Translating Evidence of Oral-Systemic Relationships into Models of Interprofessional Collaboration</i>	Casey Hein, RDH, MBA Assistant Professor, Faculty of Dentistry, University of Manitoba; and University of Colorado
3:15 – 4:00	<i>Developing Research Plans and Outcome Measures for Oral-Systemic Project Assessments</i>	Karen Williams, RDH, PhD Professor & Director of Clinical Research, UMKC School of Dentistry
4:00 – 4:30	<i>End of Session Wrap-Up Discussion</i>	Rebecca Wilder, RDH, MS

SESSION B: “ASSESSING THE EFFICACY OF ALTERNATIVE DENTAL HYGIENE MODELS OF CARE DELIVERY IN MEETING COMMUNITY NEEDS”

Moderator: Salme Lavigne, RDH, MS

Goals:

1. Explore various practice models used to deliver oral healthcare to various populations.
2. Identify variables used to assess the impact on improving oral health outcomes in targeted populations.
3. Discuss strategies for measuring the efficacy of dental hygiene delivery models in improving oral health in targeted populations.
4. Discuss the strengths and limitations of alternative models of care delivery used to delivery oral healthcare services.

1:00 – 1:15	Welcome and Speaker Introductions	Salme Lavigne, RDH, MS
1:15 – 1:45	<i>The Business of Care Delivery – Nursing Homes</i>	Doreen Naughton, BSDH Practice owner and Affiliate Instructor, Dental Public Health Sciences-Dental Hygiene Degree Completion Program for University of Washington
1:45 – 2:15	<i>Dental Hygienist Prescribers in Alberta</i>	Stacy Mackie, RDH, BS Deputy Registrar, College of Registered Dental Hygienists of Alberta, Canada
2:15 – 2:45	<i>Research Initiatives in an Acute Continuing Care Facility</i>	Joyce Wimmer, RDH, BS George Brown College, Bridgepoint Health, Toronto, Canada
2:45 – 3:00	Break	
3:00 – 3:30	<i>Mobile Van Delivery of Dental Hygiene Services</i>	Patricia Clayton , dipDH Owner, Consultant, Right to You: Mobile Dental Hygiene Services, Edmonton, Alberta
3:30 – 4:00	<i>Delivering Care to Infants and Children</i>	Tammi Byrd, RDH, BS CEO/Clinical Director, Health Promotion Specialists, LLC, Columbia, SC
4:00 – 4:30	<i>End of Session Wrap-Up Discussion</i>	Salme Lavigne, RDH, MS

EVENING – DINNER ON YOUR OWN

“Opportunities for Advancing Dental Hygiene Research”

DAY 3 - DoubleTree Conference Hotel

WEDNESDAY, JUNE 17, 2009

7:15 – 8:00 Continental Breakfast

8:00 – 11:15 PLENARY SESSION III: “THE CHANGING CLIMATE OF RESEARCH”

Moderator: MaryAnn Cugini, RDH, MHP

Goals:

1. Describe how political and societal issues impact the conduct and dissemination of science.
2. Discuss the influence of political factors on designating funds for supporting research.
3. Discuss how investigators can interface successfully with academia, government and private industry.
4. Describe the challenges associated with merging research interests between academia, government and industry.
5. Explore strategies for building research relationships with industry.
6. Identify priorities for industry-supported research.
7. Dispel common misconceptions that surround industry-sponsored research.

8:00 – 8:15	Welcome and speaker introductions	MaryAnn Cugini, RDH, MHP Senior Clinical Investigator, Director of External Research Collaborations Forsyth Institute, Boston, MA
8:15 – 8:45	<i>The Influence of Political Forces on Research Funding</i>	Robert Genco, DDS, PhD Distinguished Professor, Oral Biology and Microbiology, University of Buffalo School of Dental Medicine
8:45 – 9:15	<i>Building Relationships from an Industry Perspective</i>	Leslie Winston, DDS, PhD Director of Scientific & Professional Relations, Procter & Gamble Professional Oral Health
9:15 – 9:45	<i>Strategic Planning and Research Priorities in Private Industry</i>	Karen Raposa, RDH, MBA Senior Manager, Professional Relations, Colgate-Palmolive Co
9:45 – 10:00	Break	
10:00–10:30	<i>The Academic/Industry Relationship: Common Misconceptions about Bias</i>	MaryAnn Cugini, RDH, MHP
10:30-11:00	Exploring the Government/Industry/Academic Interface	TBA
11:00-11:15	<i>End of Session Wrap Up Discussion</i>	MaryAnn Cugini, RDH, MHP

11:15 – 11:30 HOTEL CHECK-OUT

11:30 – 1:00 LUNCH AND LEARN

Goals:

1. Generate discussion among dental hygiene researchers with shared interests.
2. Discuss ideas to foster future research projects.
3. Exchange information to promote continued learning.
4. Form new relationships with colleagues to encourage collaboration.

1:00 – 4:15 Afternoon Day 3

PLENARY SESSION IV: “PREPARING QUALITY/COMPETITIVE GRANTS” Grant Programs and Training Opportunities

Moderator: McKenzie Smith, MPH, MEd

Goals:

1. Learn how to effectively prepare a grant for obtaining financial support for research.
2. Explore strategies for involving the community in ongoing research projects.
3. Explore federal funding opportunities to support dental hygiene research.
4. Identify research priorities of various federal agencies that can be addressed by dental hygiene investigators.
5. Learn about funding application cycles.
6. Learn how to obtain information about available grant opportunities.
7. Identify common errors that are made by applicants when applying for federal grants.

1:00 – 1:15	Welcome and Speaker Introductions	McKenzie Smith, MPH, MEd Director of Research, ADHA Chicago, IL
1:15 – 2:00	<i>Lessons Learned from Grant Writing: Establishing a Track Record for Funding and Involving Community Providers in Implementation</i>	Margaret M. Walsh, RDH, EdD Professor, UCSF School of Dentistry
2:00 – 2:45	<i>Research Priorities from the Behavioral and Social Sciences Branch, NIDCR</i>	Melissa Riddle, PhD Chief, Behavioral & Social Sciences Branch, NIDCR
2:45 – 3:00	Break and Split into Breakout Sessions “Grant Programs and Training Opportunities”	
3:00 – 4:00	Breakout Sessions	
	Session A - <i>Grant Writing Tips for Success in Competing for NIH Grants</i>	Melissa Riddle, PhD Chief, Behavioral & Social Sciences Branch, NIDCR
	Session B - <i>Research Priorities in Women’s Health</i>	TBA
	Session C - <i>Tobacco-Related Research Priorities from the National Cancer Institute, NIH</i>	Cathy Backinger, PhD, MPH Chief, Tobacco Control Research Branch, Behavior Research Programs, Division of Cancer Control & Population Sciences, NCI
	- <i>Tobacco-Related Research Priorities from the National Institute on Drug Abuse</i>	Debra Grossman, MA Program Official, Behavior & Integrative Treatment Branch, National Institute on Drug Abuse
4:00 – 4:30	End of Conference Wrap-Up Discussion & Next Steps	