

Full Conference Schedule

Thursday, June 12th

Time	Topic	Speaker
7:00 AM	Breakfast (outside Balcony B)	
8:00 AM	The NIDCR: Supporting Dental and Craniofacial Research	Lawrence A. Tabak Director National Institute of Dental and Craniofacial Research National Institutes of Health
8:15 AM	Biomedical Informatics at the National Library of Medicine	Donald Lindberg Director National Library of Medicine
8:30 AM	Keynote Address: Informatics and Research	Robert Ledley National Biomedical Research Foundation
9:30 AM	Break (outside Balcony B)	
9:45 AM	Defining Biomedical Informatics and its Relationship to Dental Research and Practice	Edward H. Shortliffe Professor and Chair Department of Biomedical Informatics College of Physicians and Surgeons Columbia University
10:30 AM	Mining the Literature: Trends in Dental Research	William C. Bartling Fellow Center for Biomedical Informatics

Dental Informatics and Dental Research: Making the Connection

Time	Topic	Speaker
		University of Pittsburgh
11:00 AM	Bioinformatics and Anticipated Developments in Dentistry	Isaac Kohane Director Informatics Program Children's Hospital Associate Professor of Pediatrics Harvard Medical School Winston Patrick Kuo Biomedical Informatics Research Fellow Department of Genetics Harvard University
11:30 AM	Overview of Dental Informatics Research	Titus Schleyer Associate Professor and Director Center for Dental Informatics, School of Dental Medicine University of Pittsburgh Patricia Corby Research Associate School of Dental Medicine University of Pittsburgh
12:00 PM	Lunch (Cafeteria, Atlanta and Boston Rooms)	
1:15 PM	Decision Support at the Point of Care: Challenges in Knowledge Representation, Management, and Patient-specific Access	Robert Greenes Professor Radiology and Health Science & Technology (Harvard Medical School) Health Policy & Management (Harvard School of Public Health)
1:45 PM - 4:30 PM	Breakout sessions	

Dental Informatics and Dental Research: Making the Connection

Time	Topic	Speaker
	Breakout session 1: Basic Research in Dentistry (Room C1/C2 Lower Level)	
1:45 PM	Informatics Challenges in Tissue Engineering and Biomaterials	Dianne Rekow Director of Translational Research Division of Biological Science, Medicine and Surgery College of Dentistry New York University
2:15 PM	Data Mining in Proteomics and Genomics Research	Kandasamy Krishnaraju National Institute of Dental and Craniofacial Research
2:45 PM	Break (outside Balcony B)	
3:00 PM	Genetic and Molecular Characterization of a Dental Pathogen Using Genome-Wide Approaches	Luis A. Actis Associate Professor Department of Microbiology Miami University
3:30 PM	Spectrophotometric Analysis and Comparison of Two Ceramic Materials	Varun Singh Barath Doctoral Candidate Department of Prosthetic Dentistry Institute for Genetics of the University of Cologne
	Breakout session 2: Clinical Research in Dentistry	

Dental Informatics and Dental Research: Making the Connection

Time	Topic	Speaker
	(Room G1/G2 Lower Level)	
1:45 PM	Current Research Issues in Periodontology	Marjorie Jeffcoat Professor and Chairman Department of Periodontics University of Alabama, Birmingham
2:15 PM	Clinical Research in Biomaterials	Kenneth Anusavice Professor and Chair Dental Biomaterials University of Florida
2:45 PM	Break (outside Balcony B)	
3:00 PM	Dental Data Mining: Practical Issues and Potential Pitfalls	Stuart Gansky Assistant Professor Preventive and Restorative Dental Sciences University of California, San Francisco
3:30 PM	Decision-supporting Web-agents in Dentistry: Middleware to support Discussion among Experts, Practitioners, and Patients	Ekkehard Finkeissen University of Heidelberg

Breakout session 3: Behavioral
and Public Health Research

Dental Informatics and Dental Research: Making the Connection

Time	Topic	Speaker
	(Room H Lower Level)	
1:45 PM	Health Services Research	Howard Bailit Professor Emeritus and Director Health Policy Center University of Connecticut Health Center
2:15 PM	Using Information Technology to Improve the Dental Health Care System	Kathryn A. Atchison Professor and Associate Dean for Research & Knowledge Management School of Dentistry University of California, Los Angeles
2:45 PM	Break (outside Balcony B)	
3:00 PM	The Role of Dental Informatics in the Patient-Dentist Relationship	Michael Kirshner Postdoctoral Fellow School of Public Health and Preventive Medicine Oregon Health & Science University Kaiser Permanente Center for Health Research
3:30 PM	Designing Clinically Useful Systems: Examples from Medicine and Dentistry	Sabine Koch Department of Medical Sciences, Medical Informatics and Engineering Uppsala University, Uppsala, Sweden

Breakout session 4: Education in Informatics

Dental Informatics and Dental Research: Making the Connection

Time	Topic	Speaker
	(Room J Lower Level)	
1:45 PM	Biomedical Informatics Training for Dental Researchers	Lynn Johnson Director Office of Dental Informatics University of Michigan
2:15 PM	Issues and Strategies for Faculty Development	Michelle A. Robinson Assistant Professor of Dental Public Health and Director of Informatics Informatics Department Marquette University School of Dentistry
2:45 PM	Break (outside Balcony B)	
3:00 PM	Adaptive Hypermedia: A New Paradigm for Educational Software	Heiko Spallek Assistant Professor Center for Dental Informatics School of Dental Medicine University of Pittsburgh
3:30 PM	Doing the Right Things with Technology in Dental Education	Charles Friedman Professor of Medicine and Director of the Center for Biomedical Informatics University of Pittsburgh
4:00 PM	Summary Discussion	
4:30 PM	Adjournment	
7:00 PM	Cocktail Reception (7:00 PM) Dinner (8:00 PM) <i>complimentary parking</i> <i>Metro stop: Friendship Heights</i>	Ristorante Terrazza 2 Wisconsin Circle Chevy Chase, MD 20815 301-951-9292

Friday, June 13th

Time	Topic	Speaker
8:00 AM	Breakout group reports (15 minutes per report)	
9:00 AM	Computational Models of Oral and Craniofacial Development, Growth and Repair	Peter Hammond Professor and Head of Biomedical Informatics Unit Eastman Dental Institute of Oral Health Care Sciences University College London
9:45 AM	Break (outside Balcony B)	
10:00 AM	Methods and Tools in Biomedical Informatics	John Zimmerman Assistant Dean, Associate Professor School of Dental and Oral Surgery, Interdisciplinary College of Physicians and Surgeons, Biomedical Informatics Columbia University
10:30 AM	Digital Imaging in Dentistry: Applications and Research Challenges	Brent Dove Professor, Dental Diagnostic Sciences University of Texas Health Science Center San Antonio, Texas
11:00 AM	Standards in Dental Informatics	Robert H. Ahlstrom Associate Clinical Professor & Private Practice Restorative Dentistry University of the Pacific
11:30 AM	Biomedical Machine Learning	Marco Ramoni Assistant Professor Children's Hospital Informatics Program Harvard Medical School

Dental Informatics and Dental Research: Making the Connection

Time	Topic	Speaker
12:00 PM	Lunch (Cafeteria, Atlanta and Boston Rooms)	
1:30 PM	The Real-time Outbreak and Disease Surveillance System (RODS)	Jeremy Espino Fellow Center for Biomedical Informatics University of Pittsburgh
2:00 PM	Grand Challenges in Dental Informatics	Dean Sittig Director Clinical Informatics Research Network, Northwest Permanente and Center for Health Research Kaiser Permanente
2:45 PM	Break (outside Balcony B)	
3:00 PM	Panel Discussion: Strategic Issues in Supporting Dental Research with Informatics	
4:30 PM	Adjournment	