



Schedule for 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 University of Pittsburgh |

Dental Informatics and Dental Research: Making the Connection

| Time | Topic | Speaker |
|-------------------|---|--|
| 11:00 AM | Bioinformatics and Anticipated Developments in Dentistry | <p>Isaac Kohane Director Informatics Program Children's Hospital Associate Professor of Pediatrics Harvard Medical School</p> <p>Winston Patrick Kuo Biomedical Informatics Research Fellow Department of Genetics Harvard University</p> |
| 11:30 AM | Overview of Dental Informatics Research | <p>Titus Schleyer Associate Professor and Director Center for Dental Informatics, School of Dental Medicine University of Pittsburgh</p> <p>Patricia Corby Research Associate School of Dental Medicine University of Pittsburgh</p> |
| 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 | <p>Robert Greenes Professor Radiology and Health Science & Technology (Harvard Medical School) Health Policy & Management (Harvard School of Public Health)</p> |
| 1:45 PM - 4:30 PM | Breakout sessions | |

Dental Informatics and Dental Research: Making the Connection

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| | 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 |

Dental Informatics and Dental Research: Making the Connection

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| | Breakout session 2: Clinical Research in Dentistry (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 |

Dental Informatics and Dental Research: Making the Connection

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| | Breakout session 3: Behavioral and Public Health Research (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 |

Dental Informatics and Dental Research: Making the Connection

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| | Breakout session 4: Education in Informatics (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 |