

## **CONTACT INFORMATION**

Thomas S. Wirtz

Address Marquette University – School of Dentistry  
1801 W. Wisconsin Avenue  
Milwaukee, Wisconsin 53233

Telephone: 414-288-6208

Email : thomas.wirtz@marquette.edu

## **EMPLOYMENT HISTORY**

*Informatics Director* (2006 to present)

Marquette University School of Dentistry

- Integrate technology for the Dental School in four major areas – clinic, academics, research, and administration.
- Consult and plan with members of the Dental School to meet technology needs.
- Provide lectures on Dental Informatics for Doctoral and Post-Doctoral programs.

*Chief Deputy/Systems Manager* (1988 – 2006)

US Bankruptcy Court – Eastern District of Wisconsin

- Executive leadership for the court's information technology.
- Managed and developed a web-based electronic court record which allowed users with Internet access to electronically view and file court documents.
- Managed a \$3.5 million annual budget.

*Application Developer/Consultant* (1989 – present)

- Developed a medical management software application used in more than 150 hospitals and clinics throughout the United States.

## **EDUCATION**

Marquette University, 1982, BS, Psychology

## **PROFESSIONAL QUALIFICATIONS**

Programming Languages – C+, JAVA, perl, php, Visual Basic, and Visual Foxpro.

## **PRESENTATIONS**

- M. Wu, L.J. Koenig, J. Lynch, T. Wirtz, Spatially-Oriented Electronic Medical Records for Dentistry, Poster of AMIA 2006 Annual Symposium (Chicago, November 2007).
- T. Wirtz, Web Sites for Dental Offices, Continuing Education Program – Marquette University School of Dentistry (October 2007)
- L.J. Koenig, M. Wu, J. Lynch, T. Wirtz, Web-based Training System for Interpretation of Dental Images, Poster of 93rd Scientific Assembly and Annual Meeting of the Radiological Society of North America (Chicago, November 2007).

- LJ. Koenig, M. Wu, J. Lynch, T. Wirtz, X. Zhang, Educational Tool for Interpretation of Dental Images, Presentation at 84th Annual Session of the American Dental Education Association (New Orleans, March, 2007).
- LJ. Koenig, M. Wu, J. Lynch, T. Wirtz, Tele-educational system for dental radiology, Presentation in 57th Annual Meeting of the American Academy of Oral and Maxillofacial Radiology (Kansas, November, 2006).
- M. Wu, LJ. Koenig, J. Lynch, T. Wirtz, Spatially-Oriented Electronic Medical Records for Dentistry, Poster of AMIA 2006 Annual Symposium (Washington, DC, October 2006).

## **INFORMATICS PROJECTS**

- 2007 - "Periodontal Risk Assessment". Created an electronic form to INTERFACE THE Dental School's electronic record and a proprietary, standardized risk assessment tool.
- 2006 – "Spatially-oriented EMR for Dentistry" Provided technical support for development of software application for a grant from Biomedical Technology Alliance, Wisconsin.
- 2006 - "Quantification of Tooth Characteristics". Created a software application to record ten unique markers for teeth in scanned images. The application then used the markers to calculate the size, angle, rotation, and displacement of the anterior teeth.