

# Curriculum Vitae

**Prof. em. Dr. med. dent. Thomas Imfeld, MBA**

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## Personal Data

Name: IMFELD Thomas, Nikolaus  
Date of birth: December 11, 1947  
Place of birth: Zürich  
Nationality: Swiss  
Marital status: married  
Permanent address: Gartenstrasse 13, 8712 Stäfa

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## Educational Background

1967 - 1974 Studies of Medical Dentistry, University Zürich  
1974 State Diploma Medical Dentistry  
1974 Promotion to Dr. med. dent.

## Additional Education

1981 - 1982 Studies at the Institut Européen d'Administration des Affaires, INSEAD, Fontainebleau, France  
1982 Promotion to Master of Business Administration, MBA INSEAD

## Advanced Studies

2002 Certificate of Advanced Education of the Swiss Dental Association (Spezialist für Präventive, Restaurative und Aesthetische Zahnmedizin, SVPR, Weiterbildungsausweis der Schweizerischen Zahnärzte-Gesellschaft, SSO)

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## Professional Experience

1975 - 1978	Clinical Assistant, Dept. for Cariology, Periodontology and Preventive Dentistry (Head Prof. Mühlemann), Dental Institute, University Zürich
1978 - 1997	Senior Research Assistant, Dept. for Cariology, Periodontology and Preventive Dentistry, Dental Institute, University Zürich, Head of Bioelectronic Unit, Instructor for Preventive Dentistry (lectures and clinical courses)
1980 - 2012	Examiner preclinical exams (klin. Grundfächerprüfung) and clinical exams for State Diploma (Fachprüfung)
1983	Promotion to Lecturer (Privatdozent)
1983 - 1996	Vice-Chairman of the Dept. for Cariology, Periodontology and Preventive Dentistry, Dental Institute, University Zürich, Personnel Officer of Dept. for Cariology, Periodontology and Preventive Dentistry, Head of the Unit for Preventive Dentistry (clinic, teaching, research) Head of Bioelectronic Unit
1997 - 2012	Professor, Chair of Preventive Dentistry and Oral Epidemiology, Center for Dental and Oral Medicine and Maxillo-facial Surgery, University of Zürich
2001 - 2006	Director and Chair ad interim, Clinic for Preventive Dentistry, Periodontology and Cariology (PPK), Center for Dental and Oral Medicine and Maxillo-facial Surgery, University of Zürich
2006 - 2012	Professor, Chair of Preventive Dentistry and Oral Epidemiology, Center for Dental and Oral Medicine and Maxillo-facial Surgery, University of Zürich
2012	Prof. emeritus

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## Teaching

### Lectures and Clinical Courses for Graduate Students

1975 - 2012	regular lectures and clinical courses in Preventive Dentistry, Pathophysiology and Cariology
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### Postgraduate Education

#### Lectures

1990 - 2012	>200 invited lectures in Switzerland and internationally
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#### Conferences

	Organisation of 5 scientific conferences
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## Training and Funding of Academic Staff

<b>Supervised and refereed Doctoral Theses_</b>	66
<b>Supervised and Refereed Habilitationen</b>	4
<b>Salaries payed for with acquired funds</b>	Since 1997 on average the following salaries were payed with third-party funds of T. Imfeld: Senior Assistant (60 %) Assistants (300 %) Dental Hygienist (40 %) Technician (50 %) Chairside Assistant (30 %)

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## Research

Activities of the **preventive dentistry laboratory** initiated and guided by T. Imfeld focuss on the evaluation of the cariogenic effects, the safe for teeth properties and eventual caries protective effects of foods and snacks. The methods and standards of intraoral plaque-pH-telemetry, the development of which was the subject of the Habilitation of T. Imfeld in 1983, were later adopted by the FDA for the US regulations for health oriented claims on food (FDA: Food Labeling: Health claims; sugar and sugar alcohols and dental caries. Federal Register 43433, Vol. 61, No. 165, 1996). Such measurement procedures aided in establishing important guidelines for dietary counselling indispensable to dental hygiene and medicine. The intraoral plaque-pH-telemetry laboratory of T. Imfeld also serves as official test center of the Toothfriendly International Association, a non-profit organisation which licenses the Happy Tooth Quality Mark for use on confectionery products tested and approved to be safe for teeth. Such products, partly developed with the help of the Zürich telemetry laboratory and tested in Zürich are meanwhile sold in approximately 50 countries worldwide. About 40 producers have a licence to use the trademark of the Happy Tooth. The installment of additional intraoral plaque-pH-telemetry laboratories has been enabled by collaboration. Thus the equipments for a laboratory in the USA (University of Minnesota), a laboratory in Japan (University of Sendai), two laboratories in Germany (Universities of Jena and Witten/Herdecke) and one laboratory in China (University of Beijing) have been built and the respective staffs trained in Zürich.

Further foci of interest are the assessment of dental erosion using radiochemical methods and especially the development and assessment of products for mechanical and chemical oral hygiene, i.e. manual and powered toothbrushes, mouthrinses and toothpastes. To this end, T. Imfeld has installed a radiochemical laboratory where measurements of the relative dentine abrasion (RDA) of toothpastes are performed according to ISO 11609. His laboratory and two US American locations are the only three University owned RDA laboratories worldwide.

In the area of **clinical research**, a team for patients with special problems initiated and guided by T. Imfeld focusses on the treatment of and care for patients with eating disorders (anorexia, bulimia) and patients suffering from oligosialia and xerostomia of varying ethiology. Patients are referred to the this work group by private practitioners, by the University hospital and psychiatric clinics.

In the area of **epidemiological research** the team for oral epidemiology guided by T. Imfeld assessed the oral health of the Swiss population by means of regular epidemiological field investigations as well as by monitoring potential adverse effects of the fluoridation of table salt in Switzerland. Commissioned by the Ministry of Health of the Canton of Zürich, the team for oral epidemiology runs an advisory center for preventive dentistry and fills a position in the board of the Swiss Society for Prevention and

Health. At the request of the national institution for statistical analysis, the work group is monitoring the state of oral health on behalf of the Swiss Federal Institution „Gesundheitsobservatorium“ ([www.obsan.ch](http://www.obsan.ch)).

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## Fundraising

1997 – 2012

acquired third-party funds

CHF 6'000'000.--

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## Membership in Associations

- Aktion Zahnfreundlich Schweiz
  - American Association for the Advancement of Science (AAAS)
  - European Organization for Caries Research, ORCA
  - International Association for Dental Research, IADR
    - Cariology Group, IADR
    - Geriatric Oral Research Group, IADR
    - Salivary Research Group, IADR
  - Schweizerische Zahnärztegesellschaft, SSO
  - Schweizerische Vereinigung für Präventive und Restaurative Zahnmedizin, SVPR (Past-President)
  - Schweizerische Gesellschaft für die zahnmedizinische Betreuung Behinderter und Betagter, SGZBB
  - Schweizerische Zahnmedizinische Dozentenvereinigung
  - Schweizerische Gesellschaft für Ernährungsforschung, SGE
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## Referee Functions

### Regular Peer-Reviews

- Caries Research
- Oral Health and Preventive Dentistry
- American Journal of Dentistry
- European Journal of Oral Sciences
- International Journal of Dentistry
- Prophylaxe Impuls
- Schweizer Monatschrift für Zahnmedizin

### Editorial Board

- Oralprophylaxe & Kinderzahnheilkunde
- Schweizer Monatschrift für Zahnmedizin

### Expert for grant applications

Deutsche Forschungsgemeinschaft, DFG, Bonn

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## Administrative Functions

### Faculty

- Delegate of Dental Medicine (Delegierter des Fachbereichs Zahnmedizin)
- Military committee of dental students (Militärkommission, Zahnärzte)
- Committee member for the appointment of professors:
  - KO und KZM, Succession Prof. Stöckli
  - PPK, Succession Prof. Lutz
  - Orale Biologie, Succession Prof. Guggenheim
  - Biostatistik, Succession Prof. Gasser
  - ISPMZ, Succession Prof. Gutzwiller

**National Functions**                      Member of the Swiss Commission for Food and Nutrition (Eidgenössische Ernährungskommission)

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**Military**                                      Rank: Captain  
1983 – 1989: Commander Spit. Kp. I/80  
1990 – 1994: Commander Ter San Kp. 121

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## **Publications**

**Original publications\_**                      233

**Books**    3

**Bookchapters**                                19

**Abstracts**                                        51

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October 2013