

## CURRICULUM VITAE

Nazanin Z. Hebel, DDS  
Biology professor  
Houston Community College-NW  
Town and Country Campus  
713-718-5844

[Nazanin.hebel@hccs.edu](mailto:Nazanin.hebel@hccs.edu)

<http://learning.nwc.hccs.edu/members/nazanin.hebel>

### **EDUCATION:**

**D.D.S** (Doctor of Dental Surgery) in May 1992; University Of Texas Health Science Center @ Houston- Dental Branch

**B.S.** (Bachelor of Science) in May 1988; **Major:** Biology (pre-Dent), **Minor:** Chemistry; University of Houston - Central campus

### **EXPERIENCE:**

**Full time Biology Professor:** August 2000 to present, Houston Community College/ Northwest campus (Spring Branch/Town & Country)

**Adjunct Biology Professor:** September 1994 to August 2000; Houston Community College/ Northwest Campus (Spring Branch/Town & Country) and Central Campus.

**Dentist/ Research Associate:** 1999 to 2001; Reality Research & Publishing (Katy Freeway & Dairy Ashford)

**Allied Dental Associates:** 1993 to 1998; Dental associate/ office manager.

### **ACTIVITIES:**

1. Development of Microbiology DE Hybrid course (Biology 2420) Houston Community College System.
2. Development of a Master course DE hybrid Microbiology (Biology 2420) in collaboration with Dr. Steven Cohan and Dr. Mahtash Moussavi; Houston Community College System.
3. Development of "Particle Counting" modules for the Texas Collaborative for Active Teaching.
4. Development of "Biotechnology modules (with Dr. Tineke Berends and Ms. Doris Rousey) for the Texas Collaborative for Active Teaching.

### **HONORS:**

1. Certificate of Recognition For Outstanding Student Evaluations - 2006 - 2009
2. "Who's Who Among College Professors" nominations
3. Dean's List; University of Houston (1987 and 1988)
4. "Who's Who Among College Students"; University of Houston; 1987 and 1988

5. Table Clinic award (The Effect of Bulimia on Dentition); 1987-88 at the Greater Houston Dental Society Meeting

#### **SELECTED PUBLICATIONS:**

1. **Nazanin Z. Hebel**, Tineke Berends Sexton, and Doris Rousey. "Identification of Viruses and Diagnosis of Viral Disease: A Teaching Module in Academic Biotechnology", The Texas Collaborative for Teaching Excellence, Spring, 2003. <<http://www.texascollaborative.org/Module%20Pages/mainbiotech.htm>>.
2. **Nazanin Z. Hebel**. "Particle Counting Technology". This module is designed to provide training in Particle Counting of liquid samples to help meet the cleanliness standards in various industries, such as petroleum, power generation, pulp and paper, and steel. In an academic setting, it could be used in biology, biotechnology, chemistry, or environmental technology courses. The Texas Collaborative for Teaching Excellence.  
<http://www.texascollaborative.org/nazanin-hebel/overview.htm>
3. **Nazanin Z. Hebel**; contributed to the Reality Book publishing in 1999-2000. One of the few totally private, non-commercial dental research laboratories in the world. Tests are performed in a way that simulates actual clinical procedures as closely as possible. For example, our bond strength tests are done using the exact same equipment, materials, and procedures as we recommend and use on patients treated by our staff. In addition, some of our bond strengths are determined immediately after curing a specimen, since most of us begin finishing a restoration as soon as our curing light goes off. If we start to stress a restoration immediately, we need to know which adhesives are strong enough at that point, not just one day or one week later. In other words, we need both immediate and delayed testing.  
All tests performed in the RRL are done by dentists - not by students, not by researchers without a dental degree, and not by any support personnel. This policy does not mean to impugn the competency of these individuals. But, since dentists are the only persons that are legally allowed to restore teeth in most areas of the world, we decided it is only the results of dentists that really matter when it comes to patient care.  
The one exception to this policy is when we test laboratory-based materials such as ceramics and indirect resins. Dental laboratory technicians may be involved in testing those materials when it comes to the procedures typically performed in a lab. This includes simulating the procedures that are done to the bonding surface of a restoration before sending it to the dentist. Sandblasting and etching with hydrofluoric acid are two such examples.  
Results of our tests are published in The Ratings, FirstLook, and REALITY NOW.  
The Goals of the RRL  
To conduct scientifically valid and reliable research in a clinically relevant manner.  
To provide solutions for common, everyday clinical problems.