

# ILLINOIS WESLEYAN UNIVERSITY

## CAREERS IN DENTISTRY

To pursue graduate study in dental school, or in any of the health professions, students must have a strong undergraduate background in science. At Illinois Wesleyan, students receive premier preparation in the sciences, along with challenging coursework in the liberal arts, highly personal instruction from a well-qualified faculty and hands-on experience with state-of-the-art equipment. In addition, the Pre-Dental Advisory Committee provides the help and support students need to enter a variety of competitive dentistry programs.

As is the case at most universities, students cannot major in pre-dentistry at Illinois Wesleyan — instead, students will major in their primary field of interest, while also working to complete the courses required by dentistry programs. Most students major in biology; however, other majors may be selected if the basic science requirements for admission to a dental school are met.

### Why Attend Illinois Wesleyan?

- The Center for Natural Science Learning and Research features top-quality scientific equipment in the labs, including dedicated space for student research.
- Students can pursue independent research projects under the supervision of Ph.D. professors.
- Students are exposed to courses in liberal arts disciplines outside their major, including ethics, literature, foreign language and fine arts, which enable them to grasp the different ethical and moral perspectives a dentist needs.
- Students benefit from the assistance and expertise of the Pre-Dental Advisory Committee, which comprises professors in the sciences as well as the liberal arts who assist students with their curriculum choices and the dental school admissions process.
- The Hart Career Center houses materials detailing a range of programs and careers in the dental sciences, as well as information on preparation and registration for the DAT.



### Courses Required for Pre-Dentistry

General Biology  
General Chemistry  
Organic Chemistry  
General Physics

### Courses Recommended for Pre-Dentistry

Anatomy  
Physiology  
Histology  
Microbiology  
Cell Biology  
Biochemistry  
Microbiology  
Zoology  
Biostatistics and Experimental Design  
Molecular Biology/Genetics  
Neurophysiology



“The Illinois Wesleyan science programs offer several advantages. Our courses, which are taught by professors, emphasize problem-

- Together with your faculty advisor, our pre-health/biology career advisor will assist you in preparing for your future endeavors, whether you pursue research or a graduate/professional program.

### Learning from a Quality Faculty

The following faculty serve on the Pre-Dental Advisory Committee. Not only do they assist all pre-dental students in preparing for the dental school application and selection process, but most of them also teach courses related to pre-dental preparation.

- **Loni Walker (Chair)**, *Associate Professor of Biology*  
*Ph.D. – The Ohio State University*
- **William Jaeckle**, *Associate Professor of Biology*  
*Ph.D. – University of Southern California*
- **Abigail Kerr**, *Assistant Professor of Psychology*  
*Ph.D. – University of Wisconsin-Milwaukee*
- **Tim Rettich**, *Professor of Chemistry*  
*Ph.D. – Case Western Reserve*
- **Rebecca Roesner**, *Associate Professor of Chemistry*  
*Ph.D. – University of Kansas*

### Putting Your Learning into Practice

With superior preparation and the assistance of the Pre-Dental Advisory Committee and the Hart Career Center, Illinois Wesleyan's pre-dentistry graduates have great success after college. Alumni have recently been accepted by institutions such as Southern Illinois University, University of Illinois at Chicago, University of Michigan and Indiana University.

solving and critical thinking skills. We also provide many opportunities for laboratory and field experiences. The close interaction among students and among students and faculty is critical for the development of strong candidates for admission into dental schools. Our Advisory Committee will assist you in all aspects of applying to professional programs, including advising, in-depth interviews and the writing of thoughtful, thorough letters of evaluation. As a result, we have had great success in placing many of our students into dental school.”

#### Dr. Loni Walker

Chair, Pre-Dental Advisory Committee

ILLINOIS WESLEYAN  
UNIVERSITY

**For Further Information,  
Write or Call:**

#### Dr. Loni Walker

Chair, Pre-Dental Advisory Committee

Illinois Wesleyan University  
P.O. Box 2900  
Bloomington, IL 61702-2900  
309/556-3965  
lwalker@iwu.edu