

## What is WE\_LEARN?

WE\_LEARN is a Web-based Enhanced Learning Evaluation and Resource Network system for homework distribution, testing, and grading for your chemistry course. This futuristic system is meant to replace supplemental workbooks. Problems are accessed through the Internet, an environment with which students are familiar.

With WE\_LEARN, the student completes a series of modules in both a similar and dissimilar learning environment. In the similar learning environment, related concepts are presented together. Next, different concepts are grouped together in a dissimilar learning environment. Students can self-evaluate their knowledge level.

Students submit their answers by clicking an on-screen button. Advanced computer technologies evaluate the answers and provide immediate feedback. The data-keeping capabilities of the system present powerful tools with which to analyze and evaluate individual student performance.

- **NEW!!!** Our newest feature, The Molecular Structure Evaluator, allows the students to computer generate molecular structures. One click submission evaluates the structure for completeness and correctness.

## Faculty Advantages

of the WE\_LEARN System

- ❖ **Improved Testing Capabilities**
  - The largest number of questions in any “commercially” available database (currently around 125,000 questions)
  - Automatically generates tests, as well as equivalent make-up tests
- ❖ **WE\_LEARN Comes Pre-adapted to YOUR Textbook**
- ❖ **Improved Student Learning**
  - Higher Class Averages
  - Higher Level Student Questions
  - Decreased Reliance on Faculty for providing basic chemical information
- ❖ **Highest Flexibility**
  - Add your own questions, using our extensive library of structures that have been created for usage with the system!
  - You decide which concepts your students need to know!
  - Control when and how many times your students can perform a given assignment
- ❖ **Better Teaching**
  - Feedback on topics that are historically difficult for students to understand
  - Automation of routine grading tasks

## Student Advantages

of the WE\_LEARN System

- ❖ **Learning Anytime Anyplace**
  - Students can learn/study at any place (*e.g.*, on campus, at home, on field or athletic trips) at any time.
- ❖ **Instantaneous Feedback**
  - Correct and/or incorrect answers are sent immediately
  - Explanations are provided for all incorrectly answered questions
- ❖ **Active Learning Environment**
  - Students are placed in an active learning environment, which has been proven to be more effective than passive learning environments
- ❖ **Improved Self-Reliance**
  - Students can assess their own knowledge level before examinations by using the practice tests
- ❖ **Faster Learning**
  - Students are exposed to a greater number of examples in a shorter period of time, helping to conceptualize the reactions

## Try It Out Yourself

Log into the WE\_LEARN system (<http://www.welearnhorizon.com/q/percepti.on.dll>) using the login ID of “demo” and the password of “demo” to see assignments as students see them.

## How to Purchase the WE\_LEARN System

Complete details on signing up for this novel subscription service (or outright purchase) are available at our website: <http://www.we-learn-horizon.com>. Choose the option that best meets your needs. Call for information or the latest prices! This service can be cost-free for faculty or schools. Ask us about possible discounts.

### Full Service Option

(We Do It ALL For YOU!!)

- Input Of Class Rosters
- Configuring Practice Tests
- Making Up Regular Exams
- Unlimited Student Access To The WE\_LEARN Database

### Normal Service Option

- Unlimited Student Access To The Pre-Configured WE\_LEARN Database

## Contact Information

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**Yes!!! I'm very interested in the WE\_LEARN System!!!**

\_\_\_\_Please contact me for immediate purchase. \_\_\_\_Please put me on the mailing list to learn of future improvements and developments.

Name \_\_\_\_\_  
Department \_\_\_\_\_  
Institution \_\_\_\_\_  
Address \_\_\_\_\_  
City, State, Zipcode \_\_\_\_\_  
Phone Number \_\_\_\_\_ Email Address \_\_\_\_\_

*Please return to John H. Penn, Ph.D., Horizon Learning Solutions, LLC, 1534 Point Marion Road, Morgantown, WV 26508*

## About the Developers

### John H. Penn, Ph.D.

<http://www.as.wvu.edu/~jpenn>  
<http://www.we-learn-horizon.com>

After receiving his B.S. degree in chemistry from West Virginia Wesleyan College and his Ph.D. degree in organic chemistry from the University of Wisconsin-Madison, Dr. Penn joined the faculty of the Chemistry Department at West Virginia University. Since that time, he has been an international leader in bringing modern technology into the arsenal of pedagogical technique. Dr. Penn was instrumental in the founding of the Institute for Microscale Chemistry at WVU, which played a critical role in the spread of microscale glassware throughout the world. In 1997, West Virginia University selected Dr. Penn to be one of the WVU Foundation Outstanding Teacher Award winners, the University's highest award for teaching excellence. Years of usage in the classroom prove the success of the WE\_LEARN system (see *J. Chem. Ed.*, **2000**, 77, 227-31).

### Horizon Research Consultants

<http://www.horizoncrm.com>  
Horizon Research Consultants, Inc. (HRC) is a woman-owned, small business specializing in educational anthropology and cultural resource management. HRC has over twenty years experience in helping our clients with their research needs. HRC conducted the survey, which has been administered during the development phase of this project, leading to the advanced level of the system.

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U.S. Postage Paid  
Permit No. 34  
Morgantown, WV 26506



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# WE\_LEARN Organic Chemistry

Are you tired of:

- Grading Homework Assignments?
- Preparing Several Different Exams?
- Questions from Unprepared Students?
- Not Having Enough Time?

**▶▶ Turn the pages for chemical solutions to these problems that aren't all wet!**

*From the developer of the hands-on  
Microscale Organic Chemistry Laboratory*