

# MARY J. WINTERS-MEYER

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## SKILLS:

### Web Design/ Maintenance

- Designing, creating, and maintaining over 20 websites, including secure server site
- Re-designing sites to incorporate new software/technology and to increase usability and navigation
- Creating online forms and scripts to facilitate communication and submission of information
- Programming online calculators and navigation elements
- Planning and developing web-to-database projects

### Current Websites

- <http://www.cropsci.uiuc.edu>
- <http://crops.uiuc.edu>
- <http://frec.cropsci.uiuc.edu>
- <http://vt.cropsci.uiuc.edu>
- <http://agronomyday.cropsci.uiuc.edu>
- <http://soybeangenomics.cropsci.uiuc.edu>
- <http://www.beadingbanshee.com>
- <http://www.beadartistry.com/hoibs>

### Database Projects (Crop Sciences Intradep. Site)

- Authorized Driver's database
- Departmental Voting system
- Graduate Application System
- Faculty Directory
- Surplus Inventory Database
- Vendor Account Listing

### Computers/ Programming

- Researching, coordinating and implementing major departmental move between software packages
- Evaluating and recommending hardware and software to meet departmental needs and budget
- Creating PC and web solutions to replace manual job processes
- Managing Apache web server and multiple virtual domains/hosts
- Monitoring and managing backup systems for multiple departmental servers

### Management

- Supervising department web team
- Coordinating multiple website projects with faculty and researchers
- Managing web services account and budget, including invoicing staff for cost-recovery services
- Developing schedules and project plans for both small immediate tasks and multi-year projects

### Writing/editing

- Writing, editing, formatting and designing: technical product manuals, training materials, user manuals, internal software documentation, newsletters, articles, and research documentation, for both print media and web distribution
- Preparing and submitting web-related grant proposals

**Operating Systems:** Windows (95, 98, NT, and 2000), Redhat Linux, OS/2, and MS DOS

**Programming Languages & Databases:** C, SAS, Javascript, Perl, ColdFusion, PHP, MySQL, PostgreSQL

### Applications

- Macromedia Dreamweaver
- Macromedia UltraDev
- Adobe Photoshop
- Adobe Acrobat
- Aldus/Adobe Pagemaker
- Microsoft Office
- Corel Wordperfect
- Omnipage Pro
- Symantec Ghost
- Eudora
- Backup Exec

## EMPLOYMENT

- 8-2001 to present** *Network Analyst* — University of Illinois, Department of Crop Sciences, Urbana, IL
- 7-1999 to 8-2001** *Visiting Network Analyst* — University of Illinois, Department of Crop Sciences, Urbana, IL
- 1-1996 to 6-1999** *Management Methods Analyst* — University of Illinois, Office of Student Financial Aid, Champaign, IL
- 6-1994 to 12-1995** *Software Coordinator/Programmer* — Frasca International, Inc., Urbana, IL

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## EDUCATION

B.A. in English/Rhetoric, University of Illinois at Urbana-Champaign, May 1990.

### Post-degree Training:

- **Macromedia DevCon, October 21-24, 2001:**
  - ColdFusion Performance Tuning on Unix/Linux
  - Experience ColdFusion 5
  - ColdFusion Server Administration for Linux
  - Using Dreamweaver UltraDev for Rapid Development of Common ColdFusion Pages
  - XHTML and the Future of Web Development
  - Accessibility – Web Pages for Everyone
  - Creating WYSIWYG and Drag & Drop Interfaces for Web Based Applications
  - Web Design and Production Management Techniques
  - SQL and the Web
  - Best Practices for Integrating Usability Techniques into the Development Cycle
  - Creating Advanced Search Interfaces with ColdFusion and Verity 2K
- **Macromedia Seminars, June 2001:**
  - Formula for Efficiency
  - UltraDev: Speed Up the Action
- **COMDEX, Nov. 2000:**
  - XML for Developers
  - Desktop Management in Windows 2000
  - Upgrade Yourself: State-of-the-Art Web Design and Development Tools
- **COMDEX, Nov. 1999:** Introduction to the Apache Web Server
- **The Training Channel, 1999:** Windows NT 4.0 Core Technologies and Administration
- **SAS Institute, 1997:** SAS Fundamental Programming

### Post-degree coursework: (Parkland College)

- Intro to Networking, Fall 1996, Grade Received: A
- Data Structures in C, Fall 1995, Grade Received: A
- C Programming Language, Spring 1995, Grade Received: A

## PROFESSIONAL ACHIEVEMENTS

- **Macromedia Certified Web Site Developer.** October 24, 2001
- **Guest Lecturer,** Usability in Online Course Design  
Illinois Online Network's Guest Lecture Series. June 25-27, 2001  
(Invited to return for Fall term, but guest lecture cancelled due to low class enrollment.)
- **Guest Lecturer,** Macromedia Dreamweaver  
College of Commerce and Administration Office for Information Management  
Brown Bag Seminar, October 16, 2002
- **Leader, Special Interest Group, WYSIWYG Editors – Macromedia Dreamweaver**  
University of Illinois Webmasters Forum, 2001 - 2002

## REFERENCES

- **Charlie Smyth, Manager of Systems Services**

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- **Dr. Susan T. Ratcliffe, Extension Specialist & coordinator for IPM Online**

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- **Robert G. Hoefl, Professor of Soil Fertility and Extension Coordinator**

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