

## B.J. Yoblinski

### Appalachian State University

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### Home

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**EDUCATION**      Ph.D., Inorganic Chemistry, May, 1993  
University of Kentucky, Lexington, Kentucky 40506  
Research Advisor: Dr. Thomas F. Guarr

B.A., Chemistry, June 1987  
Wittenberg University, Springfield, Ohio 45501

**EXPERIENCE**      ASSOCIATE PROFESSOR. Appalachian State University, 7/04-present  
Responsibilities remain unchanged as Assistant Professor position found below.

ASSISTANT PROFESSOR. Appalachian State University, 8/98-6/04  
Provided instruction in the following courses: first and second semester  
Introductory (General) Chemistry lecture and lab; Descriptive and Physical  
Inorganic. Participated in the Freshman Learning Community Health  
pre-professions program.

INTRODUCTORY CHEMISTRY COORDINATOR. Appalachian State  
University, 8/98-1/08. Wrote all experiments and published lab manuals (including  
yearly edits for reprinting) for use in all general chemistry laboratories. Weekly  
instructions for each Introductory Chemistry lab experiment were prepared and  
distributed to the stockroom personnel (in terms of chemical quantities, equipment  
and special needs). Handouts were prepared and distributed weekly for lab  
instructors including grading point distribution, instructor's information,  
instructor's example calculations, solutions and student lab report information.  
Oversaw the preparation, distribution and grading of unknowns to all introductory  
lab experiments. Developed and managed an elaborate online delivery system for  
all information for the Introductory Chemistry labs using WebCT as the delivery  
platform. Instituted and directed a Peer Teaching Assistants program for  
university course credit in Introductory Chemistry labs.

INSTRUCTOR. Appalachian State University, 8/97-5/98

ASSISTANT PROFESSOR. Wheeling Jesuit University, 8/92-6/97  
Provided instruction in the following courses: first and second semester General  
Chemistry; Nursing Chemistry; senior level Descriptive Inorganic; Advanced  
Physical Inorganic; and Instrumental Analysis. Coordinated first and second  
semester General Chemistry Lecture and Laboratory courses. Developed and  
implemented numerous laboratory experiments which were incorporated into the  
General Chemistry Laboratories.

INDUSTRIAL CHEMIST. Shawnee Chemical Co., Springfield, Ohio, 6/86-9/86, 3/87-8/87. Industrial production involved the synthesis and processing of custom designed organic compounds. Primary responsibilities included the supervision of several separate processes. Reaction parameters were operated at pilot plant scale.

GRADUATE TEACHING ASSISTANT. University of Kentucky, 8/87-5/92  
Responsibilities included instruction for laboratory courses in general chemistry.

RESEARCH ASSISTANT. University of Kentucky, 5/88-5/92  
Designed steady-state and time-resolved luminescence experiments incorporating single photon fluorescence and laser intensive methods to probe excited state properties of these compounds.

**INTERESTS**      Instrument Rated Private Pilot  
Full time husband and father of three children

## **HONORS AND AWARDS**

1. Received the Outstanding General Chemistry Teaching Award, University of Kentucky, 5/92
2. Nominated for the First-Year Student Advocate Award sponsored by the National Resource Center for The First-Year Experience and its co-sponsor the Houghton Mifflin Company on October 6, 1998. The awards ceremony was held at the University of South Carolina.
3. Nominated to the UNC Board of Governor's Award for Excellence and Teaching on October 26, 2000.
4. Nominated to the College of Arts and Sciences Academy of Outstanding Teaching Awards three times at Appalachian. These nominations occurred in March, 1999; April 2000; and March 2002.
5. Received the College of Arts and Sciences Academy of Outstanding Teaching Award. The induction ceremony into the Academy of Outstanding Teachers took place on October 22, 2002.
6. Selected for Inclusion in the 8th edition of Who's Who Among America's Teachers on November 12, 2003.
7. Received one of the prestigious Board of Governors awards for excellence in teaching at Appalachian State University on September 2, 2004.

## **FUNDING**

1. Spectroscopy Society of Pittsburgh grant, Wheeling Jesuit University \$5,000.00, 5/97
2. Awarded Appalachian State URC grant, \$1,593.00, 10/97
3. Awarded Hubbard Center Lab Manual grant, \$10,813.00, 3/99

## NON-REFEREED PUBLICATIONS

1. CHE 1101 Laboratory Manual for Introductory Chemistry, academic year 1998-1999: Burgess Publishing Inc. **1998**.
2. CHE 1102 Laboratory Manual for Introductory Chemistry, academic year 1998-1999: Burgess Publishing Inc. **1998**.
3. CHE 1101 Laboratory Manual for Introductory Chemistry, academic year 1999-2000: Hubbard Center for Faculty Support. **1999**.
4. CHE 1102 Laboratory Manual for Introductory Chemistry, academic year 1999-2000: Hubbard Center for Faculty Support. **1999**.
5. CHE 1110 Laboratory Manual for Introductory Chemistry, academic year 2000-2001: Hubbard Center for Faculty Support. **2000**.
6. CHE 1120 Laboratory Manual for Introductory Chemistry, academic year 2000-2001: Hubbard Center for Faculty Support. **2000**.
7. CHE 1110 Laboratory Manual for Introductory Chemistry, academic year 2001-2002: Hubbard Center for Faculty Support. **2001**.
8. CHE 1120 Laboratory Manual for Introductory Chemistry, academic year 2001-2002: Hubbard Center for Faculty Support. **2001**.
9. CHE 1110 Laboratory Manual for Introductory Chemistry, academic year 2002-2003: Hubbard Center for Faculty Support. **2002**.
10. CHE 1120 Laboratory Manual for Introductory Chemistry, Fall 2002: Hubbard Center for Faculty Support. **2002**.
11. CHE 1120 Laboratory Manual for Introductory Chemistry, Spring 2003: Hubbard Center for Faculty Support. **2003**.
12. CHE 1110 Laboratory Manual for Introductory Chemistry, academic year 2003-2004: Hubbard Center for Faculty Support. **2003**.
13. CHE 1120 Laboratory Manual for Introductory Chemistry, academic year 2003-2004: Hubbard Center for Faculty Support. **2003**.
14. CHE 1110 Laboratory Manual for Introductory Chemistry, academic year 2004-2005: Hubbard Center for Faculty Support. **2004**.
15. CHE 1120 Laboratory Manual for Introductory Chemistry, academic year 2004-2005: Hubbard Center for Faculty Support. **2004**.

16. CHE 1110 Laboratory Manual for Introductory Chemistry, academic year 2005-2006: Hubbard Center for Faculty Support. **2005**.
17. CHE 1120 Laboratory Manual for Introductory Chemistry, academic year 2005-2006: Hubbard Center for Faculty Support. **2005**.
18. CHE 1110 Laboratory Manual for Introductory Chemistry, academic year 2006-2007: Hubbard Center for Faculty Support. **2006**.
19. CHE 1120 Laboratory Manual for Introductory Chemistry, academic year 2006-2007: Hubbard Center for Faculty Support. **2006**.
20. CHE 1110 Laboratory Manual for Introductory Chemistry, academic year 2007-2008: Hubbard Center for Faculty Support. **2007**.
21. CHE 1120 Laboratory Manual for Introductory Chemistry, academic year 2007-2008: Hubbard Center for Faculty Support. **2007**.

## REFEREED PUBLICATIONS

1. Ground-State and Excited-State Properties of Monometallic and Bimetallic Complexes based on Rhenium (I) Tricarbonyl Chloride: Effect of an Insulating vs. a Conducting Bridge. Van Wallendael, S.; Shaver, R.J.; Rillema, D.P.; Yoblinski, B.J.; Stathis, M.; Guarr, T.F. *Inorg. Chem.* **1990**, *29*, 1761.
2. Ligand-Bridged Rhenium (I) Complexes: An Electrochemical and Photophysical Study. Yoblinski, B.J.; Stathis, M.; Guarr, T. *Inorg. Chem.* **1992**, *31*, 5.
3. Sequencing General Chemistry, A New, More Logical Approach. B.J. Yoblinski, *Journal of College Science Teaching*. **2003**, *32*, 382.
4. Stretching the Periodic Table. B.J. Yoblinski, *Chemical Educator*. **2003**, *8*, (6), 389.
5. Peer Teaching Assistants in General Chemistry Labs. Yoblinski, B.J.; Rhyne, T.C. *Chemical Educator*. **2004**, *9*, 303.

## SELECTED PRESENTATIONS AND CONFERENCES

1. "Spectroscopic Properties of a Series of Re(I) Complexes". B.J. Yoblinski, Mike Stathis, and T.F. Guarr, 74th Annual Meeting of the Kentucky Academy of Sciences, Eastern Kentucky University, Richmond, Kentucky, November 5, 1988.
2. "Spectroscopic and Electrochemical Investigation of Binuclear Rhenium Complexes Containing Doubly Bidentate Bridging Ligands". B.J. Yoblinski and T.F. Guarr, 198th Meeting of the American Chemical Society, Miami Beach, Florida, September 13, 1989.

3. "Spectroscopic and Electrochemical Properties of a Series of Binuclear Re(I)/ Re(I) Complexes". B.J. Yoblinski and T.F. Guarr, 75th Annual Meeting of the Kentucky Academy of Sciences, University of Kentucky, Lexington, Kentucky, November 16, 1989.
4. "Excited State Quenching of Re(CO)<sub>3</sub>Cl Chromophores in a Rigid Polymer Matrix". B.J. Yoblinski and T.F. Guarr, 203rd Meeting of the American Chemical Society, San Francisco, California, April 7, 1992.
5. "Investigation of Luminescence Quenching by Long Range Electron Transfer in a Rigid Medium". B.J. Yoblinski and T.F. Guarr, 24th Central Regional Meeting of the American Chemical Society, Cincinnati, Ohio, May 29, 1992.
6. "Recent Changes in the Introductory Chemistry Program at Appalachian". B.J. Yoblinski, A.R. Smith Department of Chemistry Seminar Program, Appalachian State University, September 24, 1999.
7. "A New, More Logical Approach to Sequencing General Chemistry Material". B.J. Yoblinski, 16<sup>th</sup> Biennial Conference on Chemical Education, Ann Arbor, Michigan, August 2, 2000.
8. "Synthesis and Characterization of a Series of Ligand Bridged Rhenium Compounds". Jon Rogers and B.J. Yoblinski, The Fifth Annual Celebration of Student Research and Creative Endeavors, Appalachian State University, April 22, 2002.
9. Invited moderator for 2 sessions of the Summer Undergraduate Research Fellowships (SURF) at the National Institute of Standards and Technology (NIST), Gaithersburg, Maryland, August 11-15, 2002.
10. "Ideas for Turning a Student-Led Demonstration Show into a Chemistry Department Propaganda Extravaganza", B.J. Yoblinski, 54th South East Regional Meeting of the American Chemical Society (SERMACS), November 14, 2002.
11. "Integrating WebCT into General Chemistry Laboratories", B.J. Yoblinski, 54th South East Regional Meeting of the American Chemical Society (SERMACS), November 15, 2002.
12. Invited moderator for 2 sessions of the Summer Undergraduate Research Fellowships (SURF) at the National Institute of Standards and Technology (NIST), Gaithersburg, Maryland, August 13-14, 2003.
13. "Sequencing General Chemistry, A New, More Logical Approach", B.J. Yoblinski, Invited presentation at the 164th 2YC<sub>3</sub> conference, Elizabethtown, Kentucky, October 18, 2003.
14. Invited to chair a question/answer session (with Dr. Larry Bird of Western Kentucky University) pertaining to student preparedness for introductory chemistry at the 164th 2YC<sub>3</sub> conference, Elizabethtown, Kentucky, October 18, 2003.
15. "Peer Teaching Assistants in General Chemistry Labs", B.J. Yoblinski, 18th Biennial Conference on Chemical Education (BCCE) conference, Ames, Iowa, July 19, 2004.
16. "Stretching the Periodic Table", B.J. Yoblinski, 18th Biennial Conference on Chemical Education (BCCE) conference, Ames, Iowa, July 20, 2004.

17. "Peer Teaching Assistants in General Chemistry Labs" was presented at the Sermacs 2004 meeting on Thursday, November 11, 2004 in Research Triangle Park, North Carolina.
18. "Stretching the Periodic Table" was presented at the Sermacs 2004 meeting on Friday, November 12, 2004 in Research Triangle Park, North Carolina.

## REFERENCES

Dr. Tom Rhyne  
Chair, Department of Chemistry 1997-2005  
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