

EXTRAMURAL GRANT PROPOSALS

1. Traore, H., PI, CO-PI's: Anderson, S, Johns, P., Ghosh, S. (Biological Sciences), Travis, D. (Geography), to NSF for \$81,931. "Computational and Visualization Laboratory". **Funded**, spring 2000.
2. Han, B., PI, CO-PI's: Jacobs, P. (Geography), and Eshelman, B. (Biological Sciences). "Application of Atomic Absorption Spectrophotometer in Innovative and Interactive Laboratory Instruction", to NSF, June 2000, not funded.
3. Ghosh, S. (Biological Sciences), PI, CO-PI's: Anderson, S., Tesar, G. (Marketing), and Porter, D. (Finance), NSF-CCLI grant for the Science - Business Program. Funding declined, re-submitted June 2000.
4. Ghosh, S. (Biological Sciences), PI, CO-PI's: Anderson, S., and Porter, D. (Finance), FIPSE grant submitted for the Science - Business Program in Feb. 2000, \$170,560.
5. Kumpaty, H., PI, CO-PI's: Anderson, S., and Johns, P., "Developing Guided Inquiry Based Labs in the Organic Chemistry Laboratory Curriculum", "University of Wisconsin Strategic Initiative Grant Program" and was **funded** in March, 2000. (\$3900).
6. Ghosh, S. (Biological Sciences), CO-PI's: Anderson, S., and Porter, D., (Finance) NSF-CCLI grant for the Science - Business Program in June 2000, \$465,037.
7. Kumpaty, H., "Reductive Amination Reactions Using Titanium (IV) Isopropoxide", University of Wisconsin-Whitewater Faculty Development Program, funded in November 1999, (\$3000).
8. Traore, H., PI, CO-PI's: Anderson, S., Johns, P., Ghosh S. (Biological Sciences), and Travis D. (Geography), "Computer Workshop To Integrate Computer Modeling into Mathematics, Chemistry, Biological Sciences and Geography" University of Wisconsin System Curricular Redesign Grants (\$63,000) Submitted February 26,1999, not funded.
9. Traore, H., Grant from UW-Whitewater: Faculty Development Grant. Computer workshop. Participants: Anderson S., Ghosh S., **funded**, \$3000 for summer 1999.
10. Han, B., PI, CO-PI's: Jacobs, P., (Geography), and Eshelman, B., (Biological Sciences), Application of Atomic Absorption Spectrophotometer in Innovative and Interactive Laboratory Instruction", submitted to NSF-CCLI, 1998, \$25,372, not funded.

11. Han, B., to ACS Petroleum Research Fund 1997, "Synthesis and Characterization of Complexes Containing Multiple Diruthenium Units" \$25,000, not funded.

UW-Whitewater

Section II.D. 4 (continued)

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EXTRAMURAL GRANT PROPOSALS

12. Anderson, S., PI, CO-PI's: West, K., Downing, H., (Biological Sciences), Travis, J., (Geology); NSF-ILI. grant for a gas chromatograph - mass spectrometer **funded** for \$69, 854, 1994-1996.

SECTION VI.C. 3 (continued)

ACTIVE JOURNAL LIST

I. General Content

Chemical Reviews
Journal of Chemical Education
Journal of the American Chemical Society
Journal of the Chemical Society (London)
 Chemical Communications
Nature
Science

II. Topical

A. Highly Recommended

Analytical Chemistry
Biochemistry
Inorganic Chemistry
Journal of Chemical Physics
The Journal of Organic Chemistry
The Journal of Physical Chemistry
Journal of the Chemical Society London (London)
 Dalton Transactions
 Faraday Transactions
 Perkin Transactions I
 Perkin Transactions II

B. Also Recommended

Chemical Society Reviews

III. Additional Current Journals

American Druggist
Annual Review of Nuclear and Particle Science
Chemical and Engineering News
Chemical Engineering
Chemical Marketing Reporter
Chemical Week
Drug and Cosmetic Industry
Drug Topics
Journal of Computational Chemistry
Journal of Hazardous Materials

Journal of Physical and Chemical Reference Data
Science Teacher
Technometrics

SUMMARY SHEET
 COMMITTEE ON PROFESSIONAL TRAINING
 AMERICAN CHEMICAL SOCIETY

Please fill in the following summary information of requirements for your graduates who would be certified to the ACS. The number in parentheses is in each case is the recommended minimum or maximum for that item as specified in the guidelines for ACS approved programs.

Name of School University of Wisconsin-Whitewater

City, State Whitewater, Wisconsin

1. Required hours of lecture in chemistry (min 400) 464
2. Required hours of laboratory in chemistry (min. 500) 576
3. Are you on the quarter , semester X, or other system If other, please specify .
4. Required courses

Indicate whether given annually (A), biennially(B), or on demand (D). if physical chemistry is a pre-requisite(P), and give number of semesters (#).

	<u>A</u>	<u>B</u>	<u>D</u>	<u>P</u>	<u>#</u>
Analytical Chemistry					
basic course (s)	<u>X</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>1</u>
advanced course(s)	<u>-</u>	<u>X</u>	<u>-</u>	<u>-</u>	<u>1</u>
Inorganic Chemistry					
basic course(s)	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>
advanced course(s)	<u>-</u>	<u>X</u>	<u>-</u>	<u>X</u>	<u>1</u>
Organic Chemistry	<u>X</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>2</u>
Physical Chemistry	<u>X</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>2</u>
Biochemistry	<u>X</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>1</u>
Other: <u>Seminar</u>		<u>-</u>	<u>X</u>	<u>-</u>	<u>-</u>
		<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>

5. Number of full-time teaching staff (min 4) 7.5
6. Number of Ph.D.'s teaching (min 75% of No 5 above) 100%
7. Range of teaching loads [actual contacts hours/week] 12.3 to 13.9 .
8. Average teaching loads [actual contact hours/week] (max. 15) 12.9 .

Signed: _____.

Title: Chair and Associate Professor of Chemistry

CERTIFIED ACS CHEMISTRY MAJOR

Required Core Courses				Advanced Courses ⁺			
Total hrs/term [#]				Total hrs/term [#]			
<u>Course</u>	<u>Credits</u>	<u>Lec.</u>	<u>Lab</u>	<u>Course</u>	<u>Credits</u>	<u>Lec.</u>	<u>Lab</u>
640-102	5		64	44	640-455		3 48
-104	5		64	44			
-251	3		48		-496	1-3	16-48 48-144 [@]
-252	3		48		-498	1-3	48-144
-261	2			96			
-262	2			96			
-352	5		48	96			
-370	3		48				
-371	3		48				
-456	3		48				
-460	4		48	64			
-470	2			64			
-471	2			64			
-480	4		32	64			
-494 [*]	1		16				
Core Total	47		512	632			

⁺Students must choose one course from this list or one course from an approved advanced math or physics course.

[#]Assuming a 16 week semester where one lecture hour = 50 min and one lab hour = 60 min.

^{*}Required of all senior chemistry majors; the actual course could be 0.5 credits taken over the senior year (meeting every other week for 16 periods).

[@]This course would be used to fulfill either lecture or lab credit (but not both unless a special lecture /lab course were arranged). It has been used for lab credit for off-campus research experiences (e.g., NSF-REU's).

GRAND TOTAL:

Minimum lecture hours total (with two 3-credit lecture courses) as advanced courses:
496 hrs.

Minimum lab hours total (with one 1-credit lab course and one 3-credit lecture course) as advanced courses: 576 hrs.