

**ROBERT PAUL JACOBSON Sr.**  
**21115 East Eleven Mile Road**  
**St. Clair Shores, MI 48081-1567**  
**(586) 771-2114**  
**and**  
**4525 1.75 Lane**  
**Escanaba, MI 49829-9698**  
**(906) 786-1819**

**PROFESSIONAL EXPERIENCE**

**1980 - 1996**      **Chippewa Valley Schools**  
**Clinton Township, Michigan 48038-1204**

- **Teacher** - subjects taught: Chemistry (16) yrs, Honors Chemistry (2), Physical Science (7), Biology (4), Advanced Biology (4), Advanced Chemistry (4), AIDS Instruction (1)
- **Initiator and Coordinator** of Science Olympiad Programs, grades 3-12, with 9 elementary schools, 4 middle schools, and 2 high schools with **56 teacher-coaches** for 13 years. Responsible for **setting up and directing** a district elementary tournament for the nine elementary schools for 10 years
- North Central Association **chairperson** for science
- District **Science Curriculum Council** member for Chippewa Valley High School
- Computer Assisted Instruction **leader**
- Helped organize numerous **teacher In-Service workshops**: computers, lab safety, microchemistry,
- AIMS mathematics programs, and teaching chemistry with the aid of J and S software
- **Reviewer** and contributor to national chemistry textbook (**Merrill Chemistry** 1987) and biology textbook BSCS (Blue Version, **Molecules to Man** 1980)
- **Free lance chemistry writer** for Addison Wesley Publishing Company
- **National workshop conductor for Science Olympiad** activities, **instructed science teacher** for one week sessions at the Science Centers in the Pocono, Pennsylvania and Colorado Springs, Colorado
- **Supervisor**, for Macomb County at Macomb Community College Science Olympiad Tournament, for the following events: CHEM Labs, Qualitative Analysis, Titration Race, Periodic Table, Science Bowl, and Scoring of all 23 different events. At the State of Michigan level ran and supervised, CHEM Labs, Titration Race at Michigan State University, and also at the International Science Olympiad Tournament, CHEM Labs, at Dover Delaware College in Dover, Delaware
- **Presenter** of Organic Chemistry Sailboat at the **Michigan Science Teacher Association** (MSTA), East Lansing, Michigan, and the **National Science Teachers Association** (NSTA) Conference in Atlanta, Georgia, 1990, and the **International CHEM Ed.** 1991 convention in Oshkosh Wisconsin
- Named as an "**Outstanding Science Educator**" in Macomb county in 1989
- Named to **Who's Who in American Education** by former students 1990 through 1995

**1970 - 1980**      **Lakeview Public Schools**  
**St. Clair Shores, Michigan 48081**

**Teacher** - subjects taught: Chemistry (9) years, Honors Chemistry (2), Qualitative Analysis (1), Organic Chemistry (2), Molecular Biology (7), Biological Science (5), Earth and Space Science (1), Health (2), and Physical Science (4).

- Co-chairperson of Secondary Curriculum Committee
- Vice President of Lakeview Education Association
- Political Action co-chairperson
- Class sponsor
- Student Code of Conduct Committee member
- Human Sexuality Program Committee developer and member
- Building Needs Committee member

**1968 - 1969 Northern Michigan University  
Marquette, Michigan 49855**

**Tutorial and Graduate Assistant**

Responsible for lecturing and directing physical and biology laboratory activities

**1967 - 1968 Administrative Assistant**

**Northern Michigan University  
Marquette, Michigan 49855**

- Night manger of the University Center
- Trouble shooter in recreational, conference, and food service departments
- Security of the University Center
- Supervisor of custodians, cafeteria workers, bowling alley employees and students

**EDUCATION Ph.D. Chemistry Education August 1996**

**Pacific Western University  
1650 Westwood Boulevard  
Los Angeles, California 90024**

**My dissertation was in the teaching of organic chemistry titled:  
*Let's Go Sailing... An Organic Chemistry Flow Chart***

**M.A.T. Educational Administration and Supervision, August 1985  
Saginaw Valley State University  
University Center, Michigan 48710**

**M.A. and B.S. Chemistry and Biology, June 1969, June 1967  
Northern Michigan University  
Marquette, Michigan 49855**

Research and Thesis in **Biochemistry**: Qualitative and Quantitative Determination of Estrogens: Estrone, 17-beta Estradiol, and Estriol in the urine of the C57BL/6J Normal (+/+) and C57BL/6J Tortoise (To/+) Mutant Mice

**Post Degree Courses:**

- Michigan State University 1987, 1988
- Eastern Michigan University 1987, 1989

- Oakland University 1983, 1984
- Wayne State University 1969, 1970,1975,1978, 1979, 1980, 1982

**CERTIFICATION** Michigan Thirty Hour Continuing Secondary Certificate, Chemistry and Biology,  
February 1974, DX all science courses, Certified in Sex Education