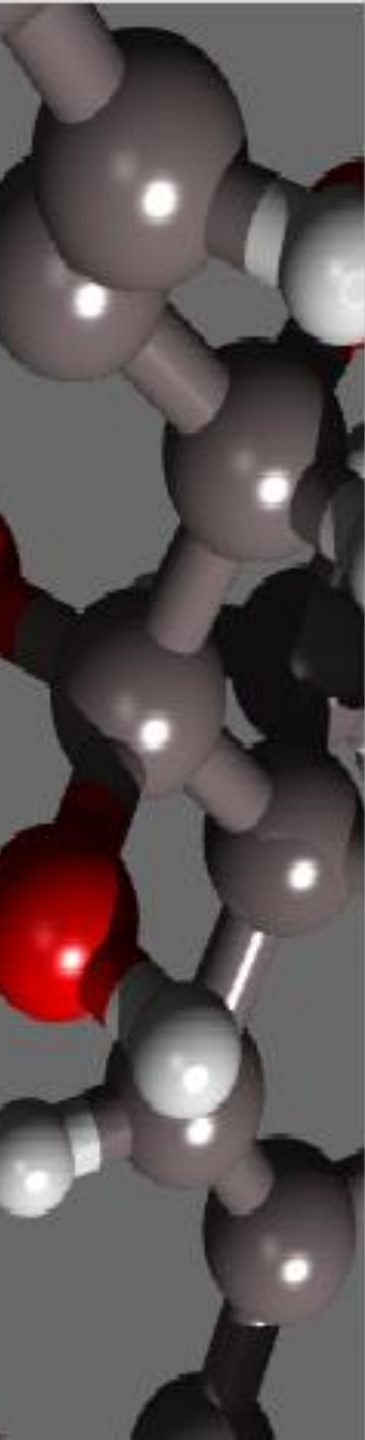


A vertical ball-and-stick molecular model of a polymer chain is positioned on the left side of the slide. The model features a backbone of grey spheres (likely carbon) connected by grey rods. Various side groups are attached, including a red sphere (likely oxygen) and a white sphere (likely hydrogen). The model is rendered with soft shadows and highlights, giving it a three-dimensional appearance.

**California State University Long Beach
Department of Chemistry and Biochemistry**

GRADUATE STUDENT ORIENTATION

August 15, 2016



Department of Chemistry and Biochemistry

23 professors, 15 lecturers, 31 teaching associates

600+ undergraduate majors/premajors

~ 70 graduate students

60+ research papers annually

Several editorials/cover stories describing our work

Annual faculty research spending > \$ 1 million

Explore our web site at: <http://chemistry.csulb.edu/>

Department Contact information:



Dr. Paul Weers
Biochemistry
Graduate Advisor

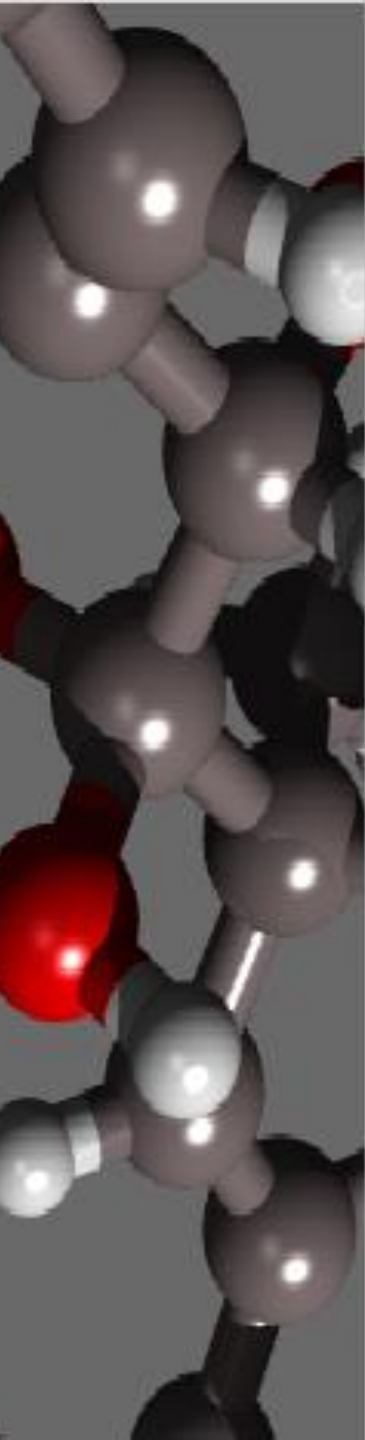
Paul.Weers@csulb.edu
562.985.4948
Office: MLSC-250



Dr. Lijuan Li
Chemistry
Graduate Advisor

Lijuan.li@csulb.edu
562.985.5068
Office: MLSC-321

Primary contacts on all academic matters



Department Contact information: Department Office



Dr. Chris Brazier
Department Chair

1. TA/GA assignments
2. Problems....
3. Open door policy for GS
4. TA training
5. TA mid-sem Evaluations



Dr. Paul Weers
Associate
Chair

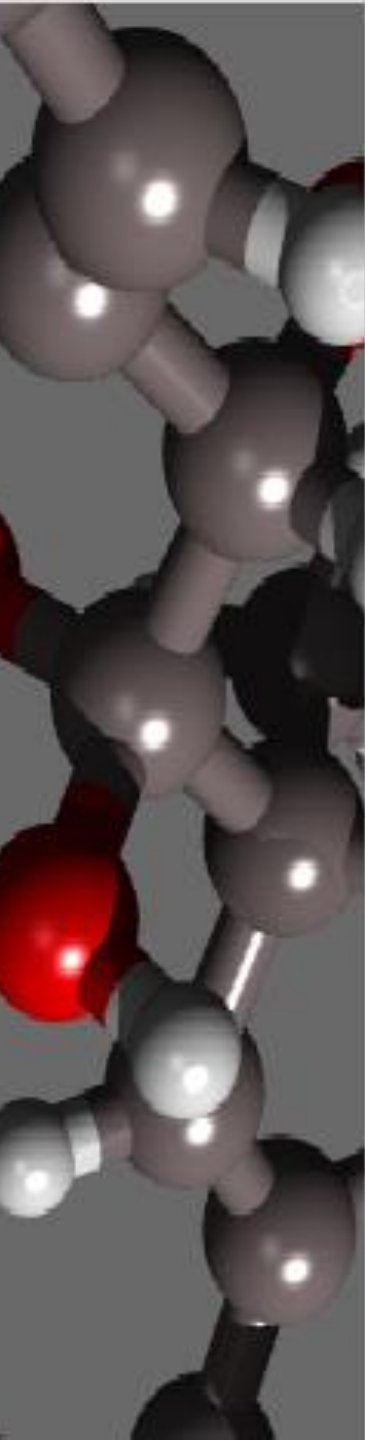


Ms. Irma Sanchez
Administrative
Support
Coordinator



Ms. Mirna Henriquez
Administrative
Support
Assistant II

Keys
Enrollment in courses, 697 etc forms
TA/GA applications
TA/GA contracts / information
General help



Department Contact information: Chemistry Issue Room



Mr. Ray Grace
Stockroom Manager



Ms. Cynthia Horiuchi
Instructional Support Technician



Graduate program – logistics

YEAR 1

Fall semester:

Placement Exam 1 ---- remediation?

Remediation and/or Graduate Courses

Department Poster Session (9/2, F 12-2)

9th week – choose the research advisor (Oct 21)

13th week – thesis committee (Nov 18)

- submit degree program form

Spring semester:

Placement exam 2 ---- remediation?

Graduate courses

Start research

Thesis proposal presentation – 04/2017 (TBA)

End of S17 – Advancement to Candidacy

Fall semester:

Placement Exam 1 ---- remediation?

Graduate Courses

Fall 2016

Chem 524, Catalysis in Organic Chemistry (Buonora)

Chem 553, Fundamentals of Electrochemical Methods and Materials (Tavassol)

Chem 541, Biochemistry Core (Schwans, McAbee, Bhandari)

Chem 549, Biochemistry of lipids and lipoproteins in health and disease (Narayanaswami)

Spring 2017

Chem 523, Synthetic Methods (Nakayama)

Chem 533, Physical Techniques in Inorganic Chemistry (Li)

Chem 542, Biochemistry of Cellular Stress Responses (Bhandari)

Fall 2017

Chem 521, Physical Organic Chemistry (Lopez)

Chem 532, Inorganic Materials Chemistry (Derakhshan)

Chem 541, Biochemistry Core (TBD)

Chem 548, Cell Membranes (McAbee)

Spring 2018

Chem 546, Protein Structure and Function (Weers)

Chem 552, Surface and Interface Chemistry (Tian)

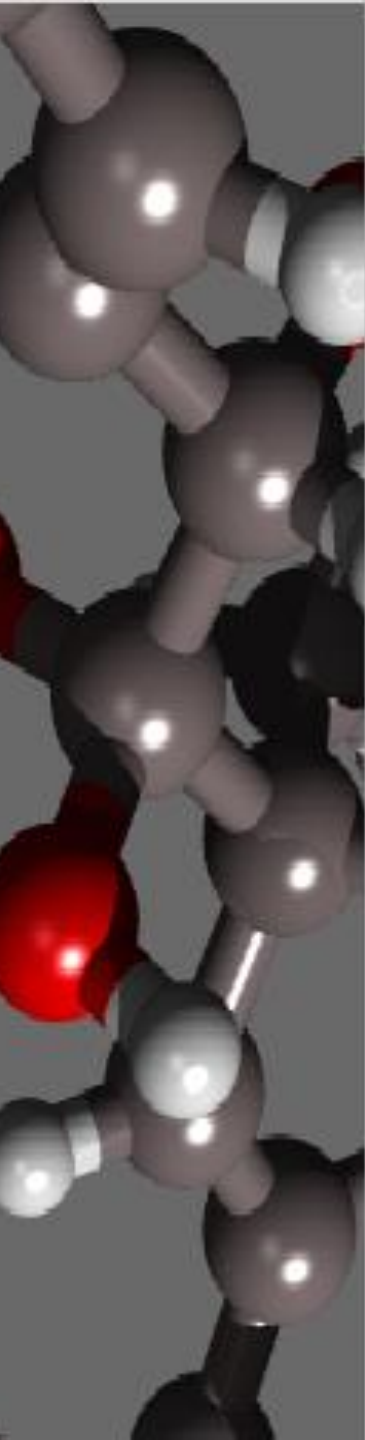
Chem 580, Biomolecular Modeling (Sorin)

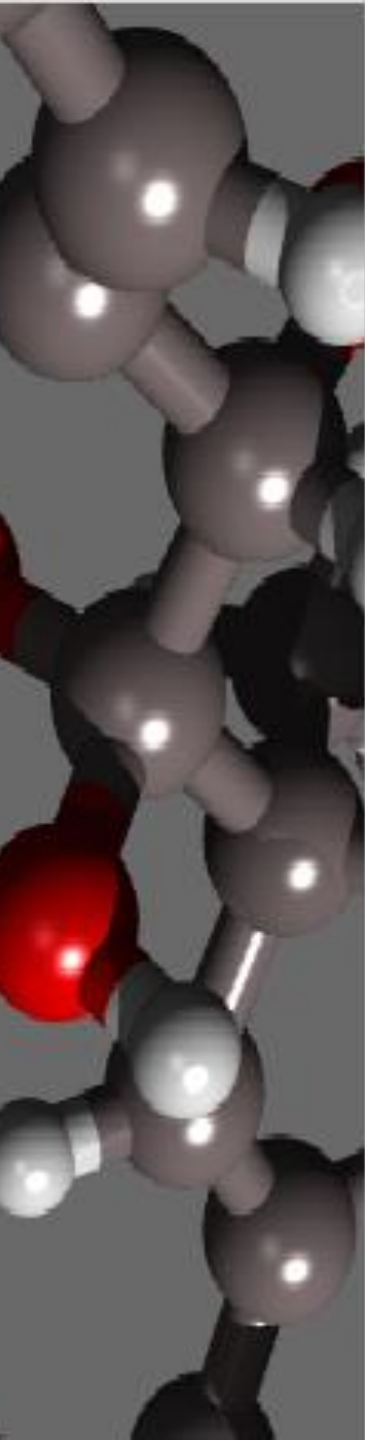
Fall 2018

Chem 531, Advances in Inorganic Chemistry (Li/Bu/Derakhshan)

Chem 541, Biochemistry Core (TBD)

Chem 542, Organic Mechanisms in Biology (Schwans)





PROGRAM OF GRADUATE STUDY FORM – YEAR 1

To be completed during the 1st week of instruction

Name:.....ID#.....

Undergraduate degree.....School.....

Remedial courses:.....To be completed by.....

1st Placement Exam:.....Score.....

Remedial courses.....To be completed by.....

Courses to be taken during the first semester:.....

To be completed by the 12th week of instruction

Additional Placement Exam(s).....

Thesis advisor:..... Signature:.....

Thesis Committee Member: Signature:.....

Thesis Committee Member: Signature:.....

Proposed list of courses in the graduate program (indicate semester):

Graduate advisor's signature:.....Date.....

To be completed following the 2nd placement exam

2nd Placement Exam:..... Score.....

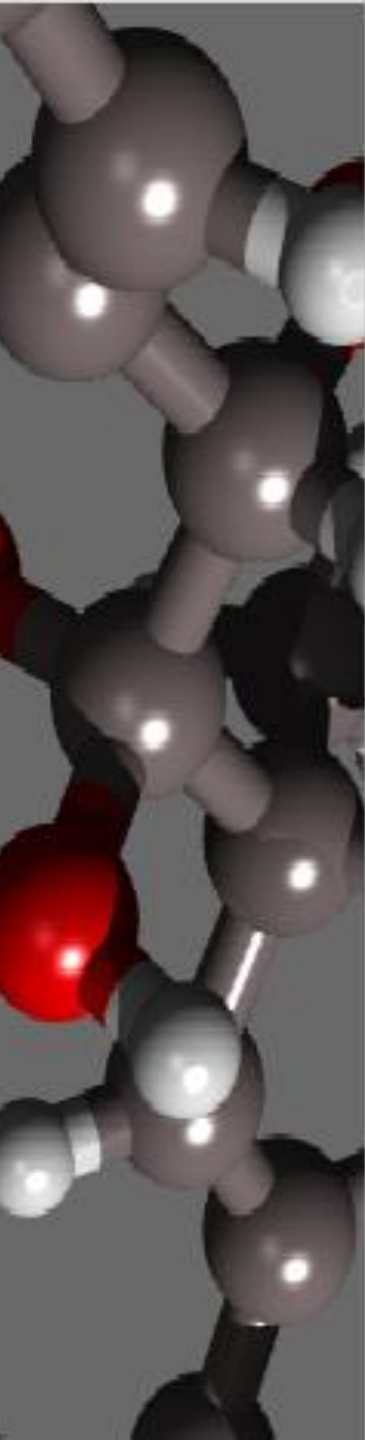
Remedial courses.....To be completed by.....

Deadline for advancement to candidacy (if passed 3rd semester in residence):.....

Graduate advisor's signature:.....Date.....

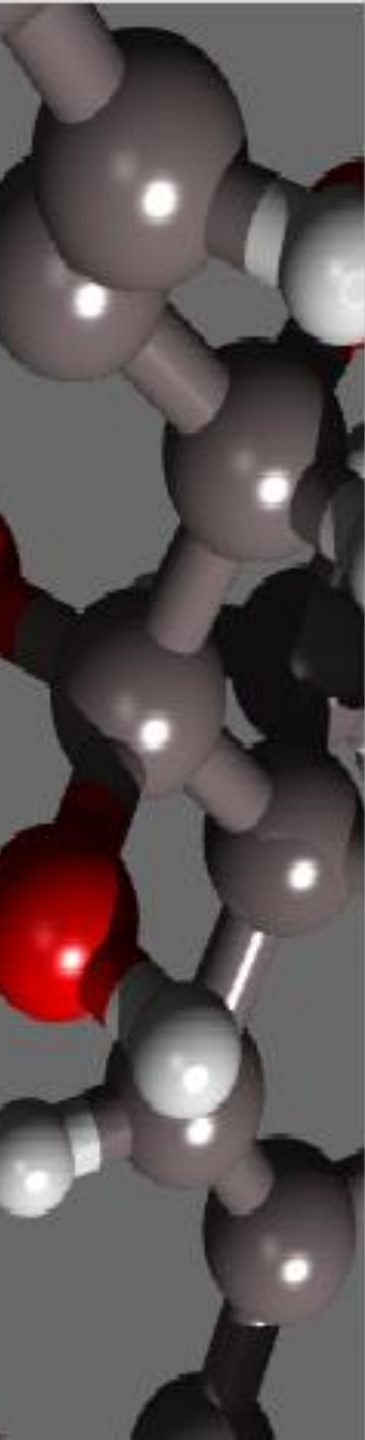
Student's signature.....

**RETURN THE FORM TO
DEPARTMENT OFFICE
by 11/11/2016**



In addition:

- Present updates on your research (every semester starting in late S17)**
- Attend departmental seminars (W 4-5 PM)**
- Attend MS thesis presentations**
- Attend Thesis Proposal Presentations**
- Meet students and faculty (coffee hour, F 9 AM, MLSC Patio)**
- Attend seminars in Physics or Biology**
- Explore library resources (mostly electronic)**
- Enjoy life at THE BEACH**



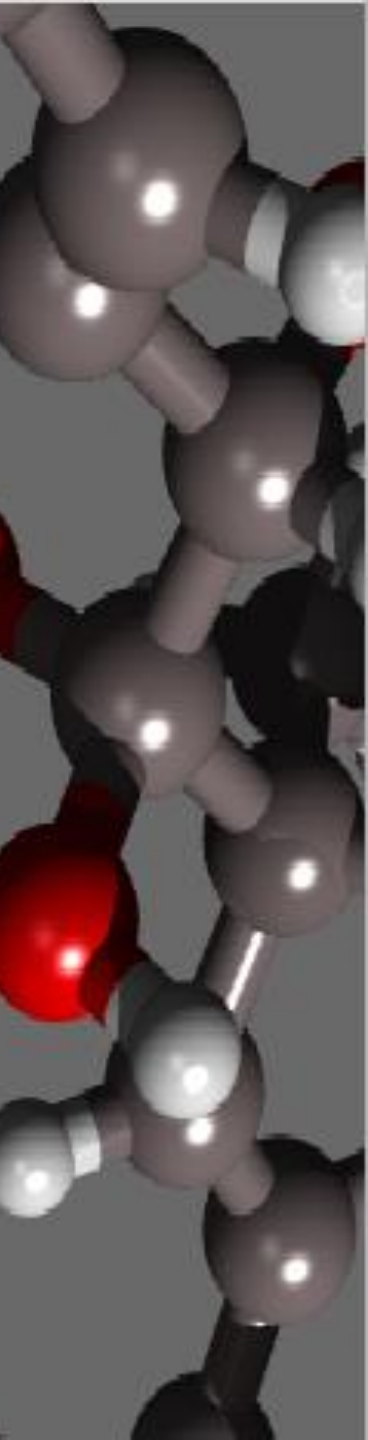
Teaching Associate / Graduate Assistant Appointments

- Appointments are competitive
- **TA /GA applications** – announcement 10/2016
- Advancement to candidacy by the end of 1st year

Teaching Associates:

Teaching excellence is very important:

- SCED 580 – Science Education course for TAs
- Departmental TA Training (Dr. Brazier)
- Mid-semester teaching evaluations
- End-of-the-semester teaching evaluations
- Evaluation by course coordinators
- Outstanding TA Award



Thank you for choosing THE BEACH