

Curriculum Vitae

Dustin H. Nouri, Ph.D.

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Education:

2007

Ph.D. Department of Chemistry, University of California, Davis.

2001

B. S. Biochemistry, Portland State University, Portland, Oregon.

B. S. General Science, Portland State University, Portland, Oregon.

Minor Biology, Portland State University, Portland, Oregon.

Experiences:

2009 Spring

Long Term Temporary (**LTT**) position: Performed faculty duties and was lecturer and lab instructor for Survey of General, Organic, and Biochemistry, CHEM 309, and Introduction to Chemistry, CHEM 305, Department of Science and Engineering, American River Community College, Sacramento. Duties included teaching 2-hour lectures, a discussion section, and multiple 3-hour labs with 25 students, making and administering exams, grades, holding office hours, and participated in departmental meetings.

2008 Fall

Survey of General, Organic, and Biochemistry, CHEM 309, lecturer, lab instructor, Department of Science and Engineering, American River Community College, Sacramento. Duties included teaching 2-hour lectures, a discussion section, and multiple 3-hour labs with 25 students, making and administering exams, grades, and holding office hours.

2008 Fall

Introduction to Chemistry, CHEM 2A, lecturer, lab instructor, Department of Chemistry, Woodland Community College, Woodland. Duties included teaching 2-hour lectures, and two 2-hour labs with 30 students, making and administering exams, grades, and holding office hours.

2008 Fall

Concepts in Chemistry, CHEM 10, ITV lecturer, Department of Chemistry, Woodland Community College, Woodland. Duties included teaching 1-hour lectures on television with 20 students in the audience and 20 students at home. Duties also included making and administering exams, grades, and holding office hours.

2008 Summer

Introduction to Chemistry, CHEM 305, lecturer, lab instructor, Department of Science and Engineering, American River Community College, Sacramento. Duties included teaching 2-hour lectures, and two 2-hour labs with 30 students, making and administering exams, grades, and holding office hours.

2008 Spring

Survey of General, Organic, and Biochemistry, CHEM 309, lecturer, lab instructor, Department of Science and Engineering, American River Community College, Sacramento. Duties included teaching 2-hour lectures, a discussion section, and multiple 3-hour labs with 25 students, making and administering exams, grades, and holding office hours.

2007 Fall

Survey of General, Organic, and Biochemistry, CHEM 309, lecturer, lab instructor, Department of Science and Engineering, American River Community College, Sacramento. Duties included teaching 2-hour lectures, a discussion section, and 3-hour labs with 25 students, making and administering exams, grades, and holding office hours.

2007 Spring

Pharmchem Lab TA, *Che 130B*, lab coordinator, Department of Chemistry, University of California, Davis. Duties included teaching three 1-hour labs with ~14 students, designing lab manual, grading, and holding office hours.

Overall rating from students: 4.8/5.0

2005 Fall

Organic Chemistry Lab, *Che 129C*, Instructor, Department of Chemistry, University of California, Davis. Duties included teaching two 3-hour labs with ~15 students, making and administering exams, administering grades, and holding office hours.

Overall rating from students: 4.9/5.0

2004 Fall

Organic Chemistry TA, *Che 128A*, teaching assistant, Department of Chemistry, University of California, Davis. Duties included grading, designing and implementing reading quizzes, and holding office hours.
Overall rating from students: 4.2/5.0

2004 Spring

Organic Chemistry TA, *Che 118B*, laboratory teaching assistant, Department of Chemistry, University of California, Davis. Duties included teaching two 3-hour labs with ~20 students each, grading, and holding office hours.
Overall rating from students: 4.8/5.0

2004 Spring

Undergraduate Research Supervisor, Tantillo Group, Department of Chemistry, University of California, Davis. Duties included training and individual weekly meetings with three undergraduates.

2004 Winter

Physical Organic Chemistry TA, *Che 233*, teaching assistant, Department of Chemistry, University of California, Davis. Duties included grading and holding office hours.
Overall rating from students: 4.7/5.0

2004 Winter

System administrator. Supervisor of computers in research group. Duties included replacing the hardware of computers, keeping them updated, and installation of programs.

2003 Fall

Natural Products, *Che 150*, discussion teaching assistant, Department of Chemistry, University of California, Davis. Duties included grading and holding office hours.
Overall rating from students: 4.7/5.0

2003 Fall

Organic Spectroscopy, *Che 219*, teaching assistant, Department of Chemistry, University of California, Davis. Duties included making NMR samples for labs, grading, and holding office hours.
Overall rating from students: 4.9/5.0

2003 Spring

Organic Chemistry, *Che 118B*, laboratory teaching assistant, Department of Chemistry, University of California, Davis. Duties included teaching two 3-hour labs with ~20 students each, grading, and holding office hours.

2003 Winter

General Chemistry, *Che 2B*, laboratory/discussion teaching assistant, Department of Chemistry, University of California, Davis. Duties included teaching two 3-hour labs with ~20 students each, grading, and holding office hours.

2002 Fall

General Chemistry, *Che 2A*, laboratory/discussion teaching assistant, Department of Chemistry, University of California, Davis. Duties included teaching two 3-hour labs with ~20 students each, grading, and holding office hours.

2001 Spring - 2002 Fall

Campus computer lab, student coordinator, Portland State University, Portland, Oregon. Duties included training employees, preparation of weekly meetings, hiring and termination of employees, and ordering of supplies.

2001 Spring

General Chemistry, *CH 221C*, laboratory teaching assistant, Department of Chemistry, Portland State University, Portland, Oregon. Duties included teaching two 3-hour labs with ~20 students each, grading, and holding office hours.

2001 Spring

General Chemistry Workshop Mentor, discussion leader, Department of Chemistry, Portland State University, Portland, Oregon. Duties included meeting once a week with two groups of six to ten people and helping them to solve more complex chemistry problems.

2001 Winter

General Chemistry, *CH 221B*, laboratory teaching assistant, Department of Chemistry, Portland State University, Portland, Oregon. Duties included teaching two 3-hour labs with ~20 students each, grading, and holding office hours.

2001 Winter

General Chemistry Workshop Mentor, discussion leader, Department of Chemistry, Portland State University, Portland, Oregon. Duties included meeting once a week with two groups of six to ten people and helping them to solve more complex chemistry problems.

2000 Spring

General Chemistry, *CH 221C*, laboratory teaching assistant, Department of Chemistry, Portland State University, Portland, Oregon. Duties included teaching two 3-hour labs with ~20 students each, grading, and holding office hours.

1998 Spring

Chemistry Tutor, Lake Oswego H.S., Lake Oswego, Oregon.
Provided weekly chemistry tutoring sessions for two to five students needing help in chemistry.

Fellowships and Awards:

2004 Departmental Teaching Award for outstanding performance as a Teaching Assistant, Department of Chemistry, University of California, Davis.

Posters:

Nouri, D. H.; Gervay-Hague, J.: poster presented at the 23rd Gordon Research on Carbohydrates, Tilton, NH., June 22 – 27, 2003.

Nouri, D. H.; Tantillo, D. T.: "Hiscotropic Rearrangements" poster presented by Dustin Nouri at the Bradford Borge Weekend, University of California, Davis, CA., February 24 - 25, 2006.

Nouri, D. H.; Tantillo, D. T.: "Ladderane formation mechanisms: The uphill battle" poster presented by Dustin Nouri at the 232nd ACS National Meeting, San Francisco, CA., September 10 - 14, 2006

Development of classroom tools:

1. Designed reading quizzes to be implemented into organic chemistry 128A.
2. Designed, tested, and implemented lab manual into pharmaceutical chemistry 130B.

Other:**Chemistry Graduate Student Representative (2003-2007):**

Attended monthly meetings dealing with graduate student funding and handled the finances concerning 1st year graduate, and orientation parties for incoming students.

Publications:

1. Ho, G. A.; Nouri, D. H.; Tantillo, D. J. "Carbocation Rearrangements in Aspernomine Biosynthesis" *Tetrahedron Letters*, **ASAP**.
2. Nouri, D. H.; Tantillo, D. J. "Cycloadditions and Sigmatropic Shifts on Neutral, Cationic, and Anionic Pentadienyl + Butadiene Potential Energy Surfaces" *Tetrahedron*, **2008**, *64*, 5672-5679.
3. Jeddeloh, M. R.; Holden, J. B.; Nouri, D. H.; Kurth, M. J. "A Library of 3-Aryl-4,5-dihydroisoxazole-5-carboxamides" *J. Comb. Chem.* **2007**, *9*, 1041-1045.
4. Nouri, D. H.; Tantillo, D. J. "Hybrids of Electrocyclic and Sigmatropic Reactions" *J. Org. Chem.* **2006**, *71*, 3686-3695.
5. Nouri, D. H.; Tantillo, D. J. "They Came from the Deep: Syntheses, Applications and Biology of Ladderanes" *Curr. Org. Chem.* **2006**, *10*, 2055-2074.
6. Ho, G. A.; Nouri, D. H.; Tantillo, D. J. "The Cationic Cascade Route to Longifolene" *J. Org. Chem.* **2005**, *70*, 5139-5143.

Workshops Taken:

1. **Workshops on Teaching, Learning, and Technology** from Dick Walters at University of California, Davis. Learned about developing course objectives, individual differences in learning, testing and evaluation, and effective uses of technology to support learning.
2. **Workshops on Transforming from TA to teacher: More than meets the eye!** from the teaching resource center at University of California, Davis. Learned about teaching philosophies, students' differences, syllabus strategies, and dynamic lecturing. Earned a certificate of completion.
3. **University of California Ethics Briefing:** Completed an online briefing that presented University of California's policies, real life examples, then quizzed on what was the best option at hand to properly handle the situation. Earned a certificate of completion.