



College of

# Arts & Sciences

WASHINGTON STATE UNIVERSITY

## POSTDOCTORAL RESEARCH AND TEACHING ASSOCIATE IN ORGANIC CHEMISTRY

Research Group of Dr. Rock J. Mancini  
Assistant Professor, Department of Chemistry, Washington State University

**Position Summary:** The Mancini Lab in the Department of Chemistry at Washington State University is accepting applications for a Postdoctoral Associate position to begin as early as January 2019. The position includes opportunities for both research and teaching.

The ideal candidate will be expected to:

- a) Collaborate with other group members and other labs to efficiently execute multidisciplinary research.
- b) Assist in the mentorship and training of graduate students within the group.
- c) Teach, as the instructor of record, 1 course per semester from Washington State University's undergraduate Organic Chemistry course sequence, including but not limited to CHEM 102, CHEM 345, or CHEM 348.

**Required Qualifications:** Ph.D. in organic chemistry, polymer chemistry, chemical biology, or related discipline. ABD applicants are equally competitive. The ideal applicant will have demonstrated research excellence, including an established publication record. As a member of the lab, the ability to work independently and collaboratively with other group members to perform required job duties is assumed. Excellent oral and written scientific communication skills are expected. In addition to communication in terms of publications and grantsmanship, the ideal candidate will have some teaching experience and be comfortable instructing large classes of undergraduate students in the chemistry curriculum.

**About the Group:** The Mancini Lab is interested in leveraging the tools of Organic and Polymer Chemistry to advance the field of Immunology. A primary contribution of our group has been the identification of unique molecular mechanisms that link immunogenicity to cancer cell metabolism. The majority of the lab's research projects involve the synthesis of target molecules that explore this concept and corresponding biochemical evaluation of the newly generated molecules. A second area of interest to the group is the creation of new polymer chemistry methodologies that enable the culture of immune cells in precise 3 dimensional architectures with single-cell resolution.

For an example of our research see:

Burt, AJ; Hantho, JD; Nielsen, AE; Mancini, RJ "An Enzyme-Directed Imidazoquinoline Activated by Drug Resistance", *Biochemistry*, 2018, 57(15), 2184-2188. DOI: [10.1021/acs.biochem.8b0009](https://doi.org/10.1021/acs.biochem.8b0009)

Additional information about the group is available on our website: [www.mancinilab.com](http://www.mancinilab.com)

**Salary and Benefits:** Initial appointment will be for 1 year (12 months) with the possibility of renewal pending satisfactory progress and mutual agreement. Compensation package includes a competitive salary, full medical / dental / vision coverage, and a relocation allowance for moving to Pullman, Washington. More detailed information can be obtained from the [Benefits Overview](#) page.

**How to Apply:** Applicants should submit a cover letter, curriculum vitae, a one-page description of relevant research accomplishments and teaching experience, and contact information for three references. These documents should be submitted as a single PDF document to Dr. Amy Nielsen: [amy.nielsen@wsu.edu](mailto:amy.nielsen@wsu.edu) with "Mancini Lab Post-Doctoral Application" in the subject line. The position is open until filled, however applications received by December 1, 2018 will receive priority consideration.

**Position Details and Information**

**Title:** Postdoctoral Research and Teaching Associate

**College/Area:** College of Arts and Sciences

**Hiring Unit:** Department of Chemistry

**Work Location:** Washington State University in Pullman, WA 99164-6340

**Department link:** <https://chem.wsu.edu/>

**Lab Website:** <http://www.mancinilab.com/>

**Anticipated Start Date:** Spring semester of 2019

**Tenure Track:** No

**Full Time/ Part Time:** Full Time

**Appointment Status:** Temporary - with the possibility of renewal

**Position Term in Months:** 12 Months

**Monthly Salary:** Commensurate with qualifications and experience

**Background Check:** Yes

**Type of Recruitment:** Open Recruitment

**Posting Open Date:** September 3, 2018

**Open Until Filled:** Yes. Submit materials by December 1 for priority screening.

**Special Instructions to Applicants:** Applicants should submit a cover letter, curriculum vitae, a one-page description of relevant research accomplishments and teaching experience, and contact information for three professional references. These documents should be submitted as a single PDF document to Dr. Amy Nielsen: [amy.nielsen@wsu.edu](mailto:amy.nielsen@wsu.edu) with "Mancini Lab Post-Doctoral Application" in the subject line.

**EEO Statement:**

WASHINGTON STATE UNIVERSITY IS AN EQUAL OPPORTUNITY/AFFIRMATIVE ACTION EDUCATOR AND EMPLOYER. Members of ethnic minorities, women, special disabled veterans, veterans of the Vietnam-era, recently separated veterans, and other protected veterans, persons of disability and/or persons age 40 and over are encouraged to apply. WSU is committed to excellence through diversity and faculty-friendly policy action, including partner accommodation and NSF ADVANCE Institutional Transformation programs (<http://www.advance.wsu.edu/>). WSU employs only U.S. citizens and lawfully authorized non-U.S. citizens. All new employees must show employment eligibility verification as required by the U.S. Citizenship and Immigration Services. WSU is committed to providing access and reasonable accommodation in its services, programs, activities, education and employment for individuals with disabilities. To request disability accommodation in the application process, contact Human Resource Services: 509-335-4521(v), Washington State TDD Relay Service: Voice Callers: 1-800-833-6384; TDD Callers: 1-800-833-6388, 509-335-1259(f), or [hrs@wsu.edu](mailto:hrs@wsu.edu).