

UW School of Aquatic and Fishery Sciences – Graduate Program

SAFS TA Position Description

The School of Aquatic and Fishery Sciences (SAFS) is hiring a Teaching Assistant for duties in Autumn Quarter 2015:

Course: FISH 552/553: Intro & Advanced R Programming

Instructor: Trevor A. Branch, Associate Professor, SAFS, <http://fish.washington.edu/people/branch/>

Dates: September 16, 2015 – December 15, 2015

Compensation: Position is 50% FTE; salary is commensurate with academic standing – <http://www.grad.washington.edu/students/fa/salaries/salary-schedules.shtml>

Deadline to Apply: **WEDNESDAY JULY 29**. Priority consideration given to applications received by this date. Applications will be accepted after this date if the position remains unfilled

Course Information – FISH 552 & FISH 553

FISH552 and FISH553 are run in Fall every year and introduce graduate students, mostly in fisheries or other natural sciences, to the R statistical programming language. FISH552 is run in the first five weeks of the quarter, and FISH553 in the final five weeks of the quarter, and most students take both courses (2 credits each). The courses are run as combined lecture/labs, with lectures interspersed with practical exercises in a computer laboratory. The TA's job will be to assist the instructor in the lab portions and grade homework.

Catalog description:

FISH 552 Introduction to R Programming for Natural Scientists (2)

Introduces R, a freely available and widely used platform for statistical analysis. Covers reading, storing, and manipulating data; introductory graphics; basic statistical analyses; and fitting linear models.

FISH 553 Advanced R Programming for Natural Scientists (2)

Covers the use of maximum likelihood estimation and programming in R. Uses R functions to estimate parameters of models and to quantify uncertainty.

Course Websites:

FISH552: <https://canvas.uw.edu/courses/848821/assignments/syllabus>

FISH553: <https://canvas.uw.edu/courses/848822/assignments/syllabus>

Course Schedule:

<http://www.washington.edu/students/timeschd/AUT2015/fish.html>

Position Responsibilities

- Assisting with two weekly two-hour lecture/lab sections
- Grading weekly lab assignments
- Conducting office hours (1-2 hours per week).

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Position Qualifications

- Applicants must have experience in programming in R.
- Academic standing as a UW Graduate Student and eligibility to hold a Graduate Student Assistantship.
- Availability for full course
- Experience using Canvas to access course materials.

Application Instructions

Deadline to Apply: **WEDNESDAY JULY 29**. Priority consideration given to applications received by this date. Applications will be accepted after this date if the position remains unfilled.

1. Complete TA Application form* (included below)
2. Insert additional materials (CV and cover letter)
3. Save all as one pdf, with course name and your full name in the document's title
Ex: FISH 999 TA Application_SmithJan.pdf
4. Email complete pdf to safsadv@uw.edu

**We recommend using Adobe Acrobat to complete application form - we have had trouble reading applications completed in other pdf readers in the past.*

Notes:

This job classification is governed by a negotiated labor contract and is subject to union shop provisions. For more information about union shop provisions, visit:
<http://www.washington.edu/admin/hr/laborrel/contracts/uaw/contract/preamble.html>

Department Information

The School of Aquatic and Fishery Sciences (SAFS) presents programs for undergraduate and graduate teaching, research, and service in basic and applied aquatic sciences, with emphases on fisheries management and aquatic resource conservation. SAFS faculty, staff, and students have access to myriad aquatic habitats and rich biological resources, and they are involved in interdisciplinary partnerships with other academic programs, as well as public and private organizations and environmental and regulatory agencies. The people and programs in SAFS are continuing a long tradition of actively addressing major issues in the aquatic sciences.

The University of Washington is an equal opportunity, affirmative action employer. To request disability accommodation in the application process, contact the Disability Services Office at 206.543.6450 / 206.543.6452 (tty) or dso@uw.edu.

UW School of Aquatic and Fishery Sciences – Graduate Program Forms

SAFS TA Application Form

SAFS is currently accepting applications for Teaching Assistant positions. To apply, please do the following:

1. Complete this form
2. Insert additional materials (CV and cover letter - details below)
3. Save all as one pdf, with your full name in the document's title (ie. "TA_Application SmithJan.pdf")
4. Email complete pdf to safsadv@uw.edu

Priority deadline: Refer to date listed in email/pdf job announcement Applications will typically be accepted after this date if the position remains unfilled.

Position Information

Please indicate the Teaching Assistant position for which you would like to be considered:

Quarter/Year: _____ Course Number/Section: _____

Student Information

Name: _____ Student #: _____ Dept: _____

Degree Track (ie. MS, PhD, etc.): _____ UW E-mail: _____

Funding for

- I do not have any funding lined up at this time
- I am funded on an external fellowship* (ie. NSF, EPA, etc.) but would like to TA
- I am funded on a departmental fellowship but would like to TA (ie. to save fellowship for a later quarter)
- I am funded on a departmental RA but would like to TA
- Other – please explain: _____

**NOTE: If you are funded on an external fellowship and are chosen to TA, you will need to contact your funding agency to confirm their rules on supplemental funding.*

References

Please provide contact information for 2-3 reference – these individuals should be familiar with your teaching abilities and/or knowledge and experience relevant to the content of the course(s) for which you are applying.

1. Name: _____ Title: _____
Email: _____ Phone: _____
2. Name: _____ Title: _____
Email: _____ Phone: _____
3. Name: _____ Title: _____
Email: _____ Phone: _____

Additional Materials

In addition to this application form, please include the following (pdf only):

- **Cover letter** – include description of your general background, why you want to TA, strengths and any abilities directly related to the specific course(s) that you would bring to the position, etc.
- **Current resume/CV**