

Rubric to assess Contributions to Teaching and Mentoring

A. Experience Teaching Relevant to Coastal or Marine Ecology, Coastal Science & Policy, and Field Teaching

1-2

- Teaching Assistant (TA) experience only
- Courses of limited relevance to Marine Biology major or Coastal Science and Policy Program at UCSC
- Limited or no experience teaching experiential, field-based approaches

3

- Substantial TA experience or experience as instructor of record, but in courses less relevant to the Marine Biology major and/or the Coastal Science & Policy Program at UCSC, or to experiential, field-based approaches

4-5

- Substantial TA experience or experience as instructor of record in courses highly relevant to the Marine Biology major and the Coastal Science & Policy Program at UCSC and experiential, field-based courses

B. Evidence/Familiarity of Teaching Quality

Criteria include:

- Inclusive teaching – serving diverse types of students (stages, backgrounds, undergraduate/graduate)
- Research-based teaching methods (pedagogical)
- Inquiry-based teaching methods (student question-driven)

1 = Familiarity with one criteria; 3 = Familiarity with all three criteria; 5 = Robust evidence of *experience* and *familiarity* with multiple criteria

C. Mentoring and Supervision Experience and Quality

1-2

- Evidence of mentoring and supervision of one to few undergraduates, with evidence of some impact for the mentee (e.g., publications, presentations, awards, grants)

3

- Evidence of robust mentorship and supervision or strong evidence of impact (e.g., publication, presentation, awards, grants) for one or more students

4-5

- Evidence of robust mentorship and supervision and strong evidence of impact (e.g., publication, presentation, awards, grants) of these students

D. Professional Activities

Evidence under consideration includes but is not limited to:

- Authentic commitment to a teaching career
- Professional development workshops, courses, trainings
- A diversity of experience
- Training in field safety and student physical and mental wellbeing
- Mentoring students outside the classroom
- Mentoring of other teachers

- Publications on pedagogy

1 = strong evidence in one criteria, 5 = strong evidence of multiple criteria or exceptional strength in one or more criteria

E. Future Plans in Teaching/Mentoring/Supervision

Evidence under consideration includes but is not limited to:

- Experiential courses
- Degree defining experiences
- Involvement in pedagogical community
- Evaluations/outcomes to drive iterative design
- Non-course based mentoring/teaching ideas

1 = strong evidence in one criteria, 5 = strong evidence of multiple criteria or exceptional strength in one or more criteria