Recipient Name(s): Drs. Steven Lundblad (Geology) and Tracy Wiegner (Marine Science)

Event Name: STEM Seminar Series

Compare your application with your completed project. Use additional space as necessary.

1. Describe when your project took place. Did it take place as scheduled in your application? If not, what happened and why?

While we proposed to invite seven speakers to this series, we were fortunate to be able to host ten. Speakers consisted of ones we originally proposed to invite at the time of our proposal, as well as ‘opportunistic’ ones, ones that were already visiting the state or Hawaii Island. To develop our speaker list, we solicited input from STEM faculty. However, few provided us with names. Thus, many speakers had a geology or marine science bent. Talks were held in MSB 101 at noon unless otherwise noted. Emails were sent out to the entire University a week prior to talks as well as on the day of the presentation. In addition, posters were placed at strategic locations around campus and classes were invited to attend the presentations. Below is the list of speakers that presented talks as part of this series:

**UHH STEM Seminar Series Spring 2013**

**Jan. 23**
Dr. Nelson Hairston, Professor, Cornell University. Preliminary title: *Hutchinson’s ‘Ecological Theater’ as Improv: Eco-evolutionary responses to environmental change.*

**Jan. 30**
Dr. Chuck Green, Professor, Cornell University. Preliminary title: *Fossil fuel junkies, climate change, and the search for global solutions.*

**Feb. 27**
Dr. Daniel Wilson, Dean, University of Florida-Jacksonville Medical School
Preliminary title: *Evolutionary Epidemiology in Medicine and Psychiatry*

**March 20**
Dr. Steven Gray, Asst. Professor, University of Hawai‘i-Manoa: Preliminary title: *Toward Collaborative Conservation Integrating social science, natural science, and participation in US fisheries management*

**April 8**
Dr. Sonia Flores, Assoc. Professor, University of Colorado School of Medicine
Preliminary title: TBA
Monday Seminar 5 PM (note special date and time)

**April 10**
Dr. M. Steven Shackley, Emeritus Professor, UC-Berkeley. Preliminary title: *XRF, Lithic Technology, and the Southwest Archaeological Obsidian Project: Rewriting Preclassic Hohokam Prehistory*

**April 17**
Dr. Lisette de Pillis, Professor, Harvey Mudd College. Preliminary title: *Mathematical Models of Cancer*
April 24  Dr. Richard Hazlett, Geology Faculty, Pomona College. Preliminary title: *Aleutian Island Volcanoes*

April 25  Dr. David Claoge, Senior Scientist, Monterey Bay Aquarium Research Institute
Preliminary title: *Application of Novel Technologies to studying the Seafloor*
Friday Seminar (note special day)

May 1  Nick Zentner, Instructor and Dept. Technician, Central Washington University
Preliminary title: *Geology Outreach to the Community: Video, Interviews, Lectures, and Field Trips*

2. Describe where your project took place. Is this the same location you identified in your application? If not, what happened and why?

We moved the talks to MSB 101 and CH 110 (GEOL) instead of holding them in STB lecture hall as we realized that these rooms were more appropriate for the anticipated size of the audience and these rooms were available at the time that it was convenient for us to hold the seminars.

3. What categories best describe your project as implemented? Check all that apply:

   Speaker_x__  Training___  Workshop___
   Technology___  Audio Conference___  Webinar___

4. Provide a brief summary of what you did.

We provided an opportunity for faculty, staff, students, and community members to hear about the STEM research activities from a broad range of disciplines during the spring semester 2013. Talks covered biological and marine sciences, medical and pharmacological studies, anthropology and archaeology, and earth sciences and education.

5. Did you meet the objectives for this event as proposed in the application? Explain.

We met most of the objectives in our proposal. We fostered interdisciplinary exchange on campus among faculty and students with researchers doing innovative research that crossed several disciplines.

6. Describe how your project addressed the UH Hilo Strategic Plan.
We think we helped inspire excellence in teaching and research at UHH by exposing our community to leaders and innovators in STEM research outside of UHH. Conversations and collaborations developed as a result of this activity.

7. How did you advertise your event and describe effectiveness of those methods.
We advertised this series with email announcements to the University faculty (a week before and day of the talk). Posters were placed in strategic locations around campus. Instructors announced talks in class. We worked with the external affairs and university relations departments to advertise the talks outside of UHH to the general public.

This effort was reasonably effective, but perhaps, we could have done more to advertise to a wider community and offer the seminars after work when maybe more people could attend.

8. How many people did you reach directly through your project?

208 people attended our seminar series. This included people from nine departments (Marine Science, Geology, Biology, Anthropology, Math, Chemistry, Psychology, TCBES, Communications) and four colleges (CAS, Agriculture, Pharmacy, Business) at UHH. Faculty, staff, students, other professionals, and community members attended. The majority of attendees were students (105) followed by faculty (62), other professionals/community members (30), and staff (11). Other professionals included researchers from the USDA Forest Service, USGS, MBARI, and Cornell University. The number of attendees at any given seminar series ranged from 11 to 40, with our greatest turnout for our first speaker.

9. Were your attendees part of your proposed target audience? Yes.

10. What is different in the units or University because of your project?

STEM faculty interact more with each other and are realizing that interdisciplinary projects are a necessity in this day and age. We think we stimulated conversation among the STEM faculty and may be even sparked a few collaborations.

11. Provide a detailed budget describing how you used your professional development funds.

Attach a copy of all expenses.
- Chuck Greene $62.15 mileage for travel on Big Island
- Nelson Hairston $62.15 mileage for travel on Big Island
- Sonia Flores $315.33 hotel and car rental for part of her trip (shared expenses with Pharmacy as she gave two talks)
- Steve Shackley $162.20 Interisland airfare from Oahu
- Lisette de Pillis $1,082.26 travel from California including car and hotel
- Rick Hazlett $1,088.42 travel from California including car and hotel
- Dave Clague $1,023.89 travel from California including car and hotel
- Nick Zentner $791.62 travel from Washington
Tracy Wiegner $181.56 leis and lunch for invited speakers (Chuck Greene, Nelson Hairston, Steve Gray)

Total Expenditures: $4769.58

**Note**, the financial side of this seminar series endeavor was the most difficult part of this project. The college and division did not provide us with secretarial assistance even after requests were placed. Darcy Bevens kindly agreed to assist us after some cajoling by Dr. Lundblad and she was not provided guidelines on purchases from the Business Office until two weeks into the seminar series. While our project was funded based on an approved proposal, the Business Office required us to seek out prior approval for every purchase including taking speakers out to lunch and purchasing leis. Dr. Wiegner still has not been reimbursed for her expenses while hosting three speakers at the beginning of the series. Each purchase required forms to be filled out and lengthy justification to be provided. Forms were sent back to her with no note on whether her request for reimbursement was being processed.

We suggest that in the future, professional development funds be administered like the UHH ‘seed’ grants through the Research Council. Administrative assistance needs to be provided in order for these projects to be successful. We do not recommend that another series be developed until these logistics are remedied.

**Professional Development Fund Final Report Certification**

- Our signatures below indicate that we and those involved in the planning group and project referenced above certify that this Final Report, including all attached documentation is accurate.

- Our project had a direct professional development impact on UH Hilo faculty and/or staff.

- We understand that information regarding any and all parts of our project may be posted on the Chancellor’s Professional Development website.

Tracy Wiegner Marine Science
Print Recipient Name & Department

[Signature]
Date 5/28/2013

Print Approving Authority Name*
Signature
Date

*The approving authority is the individual with fiscal responsibility over the account to which the Professional Development Funds were allocated to.