Appendix P. Institutional Commitment (C-DEBI Phase 2)

All partner institutions are committed to providing space, facilities, and necessary levels of administrative and technical support to complete the work proposed by each of the Co-PI and Senior Scientist investigators. Additionally, university-based investigators will receive academic-year salary support to in part support their time committed to C-DEBI, and graduate degree granting departments will leverage graduate research support with fellowship and teaching assistantship support and/or tuition waivers as allowed at their institutions. Four institutions will provide major additional institutional support as a sign of their on-going commitment to continue to build for C-DEBI in the future.

University of Southern California. The Dean of the Dornsife College of Letters, Arts & Sciences commits to providing infrastructure support, as well as financial support of nearly $3.3 million in support for the Center, including:

- A C-DEBI suite of five offices, one conference room, a storage room, and a common reception space, with the anticipation of adding an additional office upon a successful renewal, totaling approximately 1,450 square feet. Conferencing AV facilities are provided by a 72”, wall-mounted monitor with video camera with a Mac Mini and conference telecom capability. This space was renovated in 2010 for Phase 1 at the cost of a quarter million dollars, and has a current associated annual utilities & maintenance cost of $26,000 (total 5 yr support ~$130,000).
- A Dean’s match cost-share, to be focused on student support, equal in amount to 20% of indirect costs recovered by the College in each of the five years of the grant (~$928,000); and
- A further Dean’s match cost-share equal in amount to the indirect costs that would normally be received by the College on C-DEBI subcontracts of $80,000 or less (roughly estimated at ~$455,000).

The College also commits to providing support for the Center Director (50% academic year salary, one summer month, and course release for a total 5-yr support with fringe and beyond the support budgeted in this proposal ~$602,000), fellowships for four College PhD students in the Center and coverage of tuition and benefits (valued at $45,000 per student per year for a total 5-yr support ~$900,000), and academic year and summer research support for 13 undergraduates per year (valued at $4000 per student per year for a total 5 yr support ~$260,000). If renewed, the Dean of the College is committed to expanding the role of C-DEBI as a centerpiece program for the university and ensuring that the C-DEBI STC is not only known for its scientific innovation, but also for its education programs, diversity, outreach and most importantly for its global contributions to our understanding of our ocean environments.

Bigelow Laboratory for Ocean Sciences. The Bigelow Laboratory for Ocean Sciences does not charge the full indirect rate on NSF proposals, which has a negotiated indirect rate of 67%. Thus, the Laboratory is subsidizing Orcutt's involvement in this proposal at a level of $134,012, equivalent to 14.4% of the budget total and 37.3% of the indirect total. Similarly, Orcutt has budgeted for in-house fee-for-service analyses which are not charged full overhead, equating to ~$6,300 in subsidy. Additional subsidy includes two weeks of salary time for one of the Laboratory's IT professionals ($7,500), climate-controlled storage space for sediment coring equipment ($1,000), and two days worth of ship time on the Laboratory's vessel, the Charlie Sea ($1,000).

Marine Biological Laboratory. Through the Josephine Bay Paul Center, MBL will provide matching funds in the amount of $17,000/year for five years ($85,000 total). These matching funds may be utilized for salary support of personnel directly involved in this project with Dr. Huber and for laboratory supplies critical to completion of the project.

University of Mississippi. The University of Mississippi is dedicated to enhancing the state of knowledge of its student body and the people in the state of Mississippi, and will return a portion of the overhead charges (approximately 20% on the order of $50,000 over five years) and commit those funds to education and public outreach programs that Wheat has started in the state of Mississippi.