

Registration Form

Service-Learning in Biology · March 4-5, 2005 · Iowa Western Community College
Early Bird Deadline February 11, 2005 Final Deadline February 23, 2005

Name _____

Title _____ Department _____

Institution/Organization _____

Mailing Address _____

City/State/Zip _____

Phone _____ Fax _____ Email _____

Special diet or access needs? _____

Other team members? _____

Fees and Payment: Teams sending 3 or more people pay a reduced rate for all participants. No registrations will be accepted after February 23. Cost includes a copy of Life, Learning, and Community: Concepts and Models for Service-Learning in Biology, published by AAHE (regular cost 28.50).

Workshop Cost for registrations received by February 11, 2005 (add \$20 for registrations submitted between February 11 and February 23):

\$150 individual from a non-Compact campus \$120 team member from a non-Compact campus
 \$95 individual from a Compact campus, a school, or a community-based organization \$65 team member from a Compact campus, a school, or a community-based organization

Payment Method:

Check enclosed, payable to "Iowa Campus Compact" (FEIN 42-0680351).
 Institutional Purchase Order enclosed. _____ Purchase request submitted. PO# _____
 Visa/MC# _____ Expiration Date _____ Signature _____

Mail this form with payment to:

Sandra Hansen, Iowa Campus Compact, 100 Wartburg Blvd., Waverly, IA 50677 (Tel: 319-352-8660)

Or FAX this form with purchase order or credit card information to (319-352-8582)



Iowa | **Campus Compact**
100 Wartburg Blvd.
Waverly, IA 50677

Service-Learning in Biology

March 4-5, 2005

Iowa Western Community College

For more information call (319) 352-8660

SERVICE-LEARNING



in
Biology

March 4-5, 2005
Iowa Western Community College
Council Bluffs, Iowa

Co-sponsored by
Upper Midwest Campus Compact Consortium
Iowa Western Community College
Campus Compact

Concepts and Models for Civic Engagement in Biology

Why service-learning in Biology? Service-learning in biology can enhance academic learning, provide real-world experiences that accentuate the need for understanding basic principles of biological sciences, allows students to be empowered as teachers, allows instructors to become facilitators for students to learn independently, provides students with an awareness of the range of disciplines and different career opportunities associated with biological sciences, and projects underscore the need to increase the level of scientific literacy, education, and civic responsibility in our society.

Service-learning projects can be used as educational tools in biology curricula and provide additional evidence of how community service can impact learning outcomes. In biology courses, faculty don't have to significantly change the course content/schedule to include service-learning elements, but it can have a tremendous impact on the students. The success of service-learning is dependent on the openness, interest, and imagination of the instructor. If students are to be taught social utility, awareness, and activism, instructors must be prepared to think beyond the limits of the classroom and laboratory. Biologists (as educators) must seek ways of integrating service-learning into curricula in the least disruptive, most efficient manner as not to take away from traditional biological education.

Whatever your biology specialty and service-learning experience, this workshop will offer you and your colleagues a valuable opportunity to learn more about models and strategies for implementing service-learning, to discuss with peers the benefits and challenges of service-learning, and to develop ideas for future action in your own institution and community.

All participants are encouraged to bring current course syllabi to the workshop. Some time at the workshop will be devoted to creating or strengthening courses that engage students in service toward specified community and learning outcomes.

Featured Facilitators

Luther Brown, Director of the Delta Center for Culture and Learning at Delta State University; helped found New Century College at George Mason University. Brown also is a contributor to Life, Learning, and Community: Concepts and Models for Service-Learning in Biology.

David Parfitt, Assistant Professor of Psychiatry in the Department of Psychiatry at the University of Rochester Medical Center, previously he was Assistant Professor of Biology at Middlebury College; integrates the research in his laboratory with his teaching in the classroom, through service-learning course offerings in Neuroscience.

"It is a monstrous abuse of the science of biology to teach it only in the laboratory--Life belongs in the fields, in the ponds, on the mountains, and by the seashore." James G. Needham

"Service-learning in biology enhances the understanding of biology and other sciences among undergraduate students and increases their capacity and confidence to utilize that understanding in the conduct of creative, problem-solving." Neil Greenburg

SERVICE-LEARNING



in Biology

Workshop Format & Content

This workshop will include a mixture of presentations, panels, and discussions in order to meet the stated objectives. Participants will receive Life, Learning, and Community: Concepts and Models for Service-Learning in Biology (AAHE monograph) and a packet of additional resources.

Friday, March 4, 2005

12:00 - 1:00 Registration
1:00 - 2:00 Welcome, Introductions, & Overview
2:00 - 3:00 Service-Learning in Biology
3:15 - 4:00 Examples and Elements for Success
4:00 - 5:45 Breakout Discussion
6:00 - 7:00 Dinner
7:00 - 8:30 Stakeholders Panel

Saturday, March 5, 2005

8:00 - 8:30 Continental Breakfast
8:30 - 9:00 Reflection, Course Revision Overview
9:00 - 11:15 Breakouts on Projects and Partnerships
11:30 - 12:00 Breakout Reports
12:00 - 1:15 Lunch
1:15 - 2:30 Partnerships, Reflection, Assessment
2:45 - 3:30 Course Revision Plans
3:30 - 4:00 Concluding Remarks and Evaluation

Registration

All interested faculty, students, administrators, and others are welcome to participate in this workshop. Individuals are welcome, but ideally participants will come as part of a team, which might consist of: two or more faculty members, a department chair or campus administrator, a campus-based service-learning coordinator, one or more school or community partners, and/or one or more students.

Teams sending three or more members to this event will pay a reduced registration rate for all participants. Early bird registration deadline is February 11, 2005; the final registration deadline is February 23, 2005. Refunds, minus a \$10 processing fee, are possible only for those notifying IACC at least a week before the event that they will not be able to attend. With questions, call (319) 352-8660 or email sandra.hansen@iacampuscompact.org.

Arriving in Council Bluffs: Iowa Western Community College is located at 700 College Rd. Council Bluffs, IA 51503. Epply Airfield in Omaha, NE is the most convenient airport. Taxi fare from the airport to hotels are estimated at \$15-\$20.

Accommodations

Fairfield Inn, 520 30th Ave. Council Bluffs, Iowa
712-366-1330

Single or double occupancy room rate is \$75.

Heartland Inn, Woodbury Ave. Council Bluffs, Iowa
712-322-8400

Single or double occupancy room rate is \$60.

To receive these special rates at either accommodation, indicate that you will be attending the Campus Compact Service-Learning in Biology workshop when you make your reservation. You will need to make your room reservation no later than Feb. 3, 2005.

Examples of Service-Learning in Biology

Environment and Life is a non-science major course at Indiana University East. This course allows students to investigate ecological and sociological principles in deciding how natural resources are used. Students are allowed to choose a service-learning project that must deal with an environmental problem that can be linked with the course work. Students not only examine the problem, but must also think through (and in some cases, carry out) possible solutions to the problem.

At Seattle University an interdisciplinary course is offered which involves interplay of biology, ecology, economics, culture, and politics in the production and distribution of food in the world. Students are required two hours a week of service at a community agency (food bank, soup kitchen, food producers, etc.). Along with the service students are required to keep a "guided journal" which involves questions that they are asked to reflect on involving experiences at this community level.

Arizona State University offers optional service-learning for students in the introduction to botany course. Students are able to participate in a mentoring program for 5th grade students. Together, the university students and 5th graders work to plant gardens and learn basic botany. University students who participate in the service-learning receive an internship credit in addition to the course credit.

Opportunity to Present

Participants with experience in service-learning in biology are also invited to facilitate a workshop breakout session. If interested in this opportunity, please call (319) 352-8660 or email sandra.hansen@iacampuscompact.org.

This workshop is made possible by the generous support of Learn and Serve America through the Corporation for National and Community Service.

The Upper Midwest Campus Compact Consortium is comprised of Iowa Campus Compact, Minnesota Campus Compact, and Wisconsin Campus Compact, which are also part of the national Campus Compact network of 30 state organizations and more than 950 campuses. For more information see <http://www.compact.org> or call 401-867-3950.