

THE NATIONAL ACADEMIES

Advisers to the Nation on Science, Engineering, and Medicine

NATIONAL ACADEMIES SUMMER INSTITUTES ON UNDERGRADUATE EDUCATION IN BIOLOGY Special Session for MARC Curriculum Improvement Planning Grant Recipients

<http://www.AcademiesSummerInstitute.org/marc/>

January 7-11, 2005
Chaminade • Santa Cruz, California

Evaluation

We would appreciate your honest feedback on the MARC Winter Institute. Your insight will help us identify resources that can help you in your implementation and revise similar programs in the future.

What was your role at the MARC Institute?

Participant/Member of institutional team Speaker Other

What is your discipline?

Biology Mathematics Chemistry Computer Science Other

Please evaluate the relevance of each session to the goals of the workshop and your institutional needs.
Please feel free to comment on the relevance of any of the sessions in the comments section below.

Speaker	Not relevant		Highly relevant		
	1	2	3	4	5
Julius Jackson: "Quantitative Trends in Education for 21 st Century Biological Research"	1	2	3	4	5
Team Introductions	1	2	3	4	5
Kathy Williams and Terry Derting: "Active Learning" (Sat. morning)	1	2	3	4	5
Kathy Williams and Terry Derting: "Assessment" (Sat. afternoon)	1	2	3	4	5
Malcolm Campbell and Laurie Heyer: "Quantifying Gene Expression with DNA Microarrays"	1	2	3	4	5
Jay Labov: "Expectations and Realities in Undergraduate Science Education: A K-16 Perspective"	1	2	3	4	5
Meghan Burke: "Vertical Integration of Biological Applications into the Undergraduate Mathematics Curriculum"	1	2	3	4	5
Ishrat Khan: "Nanobiotechnology: An Example of the Changing Nature of Research and Immersion of Students into a Culture of Interdisciplinary Learning"	1	2	3	4	5
Isiah Warner: "Mentoring, Education, and Research: Pathways to Student Success in the Quantitative Sciences"	1	2	3	4	5
Amy Chang: "Five Tips for Preparing New Curriculum Proposals"	1	2	3	4	5
Kathy Williams: "Developing Goals and Objectives" (Sun. evening)	1	2	3	4	5

Speaker	Not relevant		Highly relevant		
	1	2	3	4	5
John Jungck: “Ten Equations that Changed Biology (and that Should Change Biology Education)”	1	2	3	4	5
Lee Gass: “Interdisciplinary approaches to undergraduate education: Finding the essence”	1	2	3	4	5
Carlos Castillo-Chavez: “Collaborative Learning with Students’ Driven Research Agenda: the Case of the Mathematical and Theoretical Biology Institute”	1	2	3	4	5
Eric Marland: “The Subtleties of Subversion”	1	2	3	4	5

Are there topics that were not addressed that should have been?

Are there topics that were overemphasized?

Please indicate your SKILL or KNOWLEDGE levels in the following areas BEFORE attending the MARC Winter Institute and NOW, using this scale:

0 = None 1 = Very Low 2 = Low 3 = High 4 = Very High

	Before	Now
Understanding the need and importance for assessing learning of my students.		
Adapting and including active learning strategies within my courses(s).		
Applying scientific teaching principles in my practice of teaching.		
Identifying resources to create or adapt active learning strategies.		
Developing feasible teaching objectives.		

Please indicate your level of agreement with the following statements:

	Strongly Agree	Agree	Disagree	Strongly Disagree
There was a collegial climate created at the Institute.				
My institution is likely to collaborate with others in implementing its plan.				
My institution’s implementation plan will change based on what we learned at the Institute.				

	Strongly Agree	Agree	Disagree	Strongly Disagree
There was sufficient biological content at the Institute.				
There was sufficient quantitative sciences content at the Institute.				
There was sufficient integration of biological and quantitative sciences at the Institute.				
An appropriate balance between presentation and interaction was achieved at this Institute.				
The facilities at the Institute were comfortable.				
The schedule and pace were appropriate.				
There were sufficient opportunities to interact with the speakers.				
There was sufficient time to work on my implementation plan.				
There was sufficient time for informal interaction and recreation.				
The Institute was what I expected. If not, why not?				

What was the most valuable feature of the Institute?

What was the least valuable feature of the Institute?

Identify three things that will support the implementation of your plan on your campus.

Identify three things that will pose challenges to implementing your plan on your campus.

Please put any remaining comments, suggestions, and reflections on the back of this evaluation.

Thanks for your enthusiastic participation!