

The Opportunities for an Integrated Community of Organismal and Integrative Biologists:

**SUMMIT MEETING OF THE PRESIDENTS
OF THE MEMBER SOCIETIES OF THE
AMERICAN INSTITUTE OF BIOLOGICAL SCIENCES**

Airlie Conference Center
Warrenton, Virginia
11 - 14 November 1999

Supported in part by the David and Lucile Packard Foundation

Thursday, November 11, 1999

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| Afternoon | Presidents arrive <i>Registration at Airlie House</i> |
| 4:00 p.m. | Optional environmental tours of Airlie grounds <i>Meet in front of Airlie House</i> |
| 6:00 p.m. | Reception <i>Jefferson Room, Airlie House</i> |
| 7:00 p.m. | <u>Opening Summit Address:</u> “The Role and Scope for An Integrated Community of Biologists” <i>Federal Room, Airlie House</i> Rita Colwell Director, National Science Foundation |
| Evening | Informal Discussion Groups <i>Jefferson Room</i> |

Friday, November 12, 1999

(all events are in Airlie House unless otherwise noted)

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| 7:00 - 8:00 a.m. | Breakfast <i>Airlie Dining Room</i> |
| 8:00 - 8:30 a.m. | <u>Introductions of Attendees</u> <i>Federal Room</i> Gail Bingham, Facilitator |
| 8:30 - 8:45 a.m. | <u>Greetings and Welcome:</u> “Airlie Summit Aspirations: Exploring Our Opportunities for Collaboration” <i>Federal Room</i> Gregory J. Anderson, AIBS President University of Connecticut |
| 8:45 - 9:15 a.m. | <u>Introduction of Summit Objectives, Agenda, and Logistics</u> |
| 9:15 - 9:35 a.m. | <u>Keynote Talk:</u> “The Past, Present, and Future of a Community of Organismal and Integrative Biologists” |

Federal Room

Thomas Lovejoy, AIBS Past-President
Smithsonian Institution and The World Bank

9:35 - 9:55 a.m. Keynote Talk: “Organizational Models and Collective Action Plans for Scientific Federations”

Federal Room

Martin Apple
President, Council of Scientific Society Presidents

9:55 - 10:10 a.m. Break

10:10 - 12:00 a.m. Summit Topic 1: Public Policy

Objective: Exchange ideas and information about the issues, challenges, and opportunities in organismal and integrative biology in attaining a collective and effective voice so as to integrate good science into wise public policy concerning funding, legislation, and regulation. Identify questions for afternoon resource panel.

Federal Room

10:10-11:00 Breakout groups (4)
Jefferson, Studio, East, West rooms

11:00-12:00 Plenary reports from breakout groups
Federal Room

12:00 - 1:00 p.m. Lunch
Airlie Dining Room

1:00 - 2:30 p.m. Summit Topic 1: Public Policy [continued]
Federal Room

1:00-2:30 Resource Panel & Plenary Discussion
Objective: Identify areas of common concern or interest in public policy that might suggest options and criteria for collaborating, to be discussed during synthesis discussions on Saturday and Sunday.

Federal Room

Resource Panelists:

David Applegate, Director of Government Affairs, American Geological Institute
David Blockstein, Chair, Ornithological Council & Senior Scientist, Committee for the National Institute for the Environment
Christopher D’Elia, Vice-President for Research, Univ. at Albany, SUNY & Chair, Council of Scientific Society Presidents
Sidney Golub, Executive Director, Federation of American Societies for Experimental Biology
Ellen Paul, Public Policy Representative, American Institute

of Biological Sciences

- 2:30 - 3:00 p.m. Break
- 3:00 - 3:30 p.m. Keynote Talk: “The Role of Private Foundations in Science Funding”
Federal Room
Jaleh Daie
Director, Science Program, David and Lucile Packard Foundation
- 3:30 - 7:00 p.m. Summit Topic 2: Research Funding
Objective: Exchange ideas and information about the issues, challenges, and opportunities for public and private support of research in organismal and integrative biology, including sources, programs, and future directions. Identify questions for resource panel.
Federal Room
- 3:30-4:30 Breakout groups (4)
Jefferson, Studio, East, West rooms
- 4:30-5:30 Plenary reports from breakout groups
Federal Room
- 5:30-7:00 Resource Panel & Plenary Discussion
Objective: Identify areas of common concern or interest in research funding that suggest options and criteria for collaborating, to be discussed during synthesis discussions on Saturday and Sunday.
Federal Room
- Resource Panelists:
- Jaleh Daie, Director, Science Program, David and Lucile Packard Foundation
- Robin O'Malley, Project Manager, H. John Heinz III Center
- Sarah Rockey, Deputy Administrator for Competitive Research Grants and Awards Management (CRGAM/CSREES), U.S. Dept. of Agriculture
- Joann Roskoski, Director, Division of Environmental Biology, National Science Foundation
- Gregory Smith, Senior Science Advisor, Biological Resources Division, U.S. Geological Survey
- Michael Teitelbaum, Program Director, Alfred P. Sloan Foundation
- 7:00 - 8:00 p.m. Dinner
Airlie Dining Room

Evening

[Note: During the course of the Summit, all participants are encouraged to post additional topics on the bulletin board at the rear of the Federal Room that they wish to invite others to join them in discussing in the evening. Locations will be assigned on site.]

8:30 p.m. Special Topic: “Plans for Collaborative Programs to Promote Diversity in Organismal and Integrative Biology”
Smokehouse
Muriel Poston, Howard University
Chair of the AIBS Committee on Minority Recruitment

8:30 p.m. Unstructured Group Discussions
Objective: Opportunity for informal meetings with colleagues and some of the day's speakers and panelists to discuss topics presented and others proposed.

Whistling Swan Pub

Saturday, November 13, 1999

(all events are in Airlie House unless otherwise noted)

7:00 - 8:30 a.m. Breakfast
Airlie Dining Room

8:30 - 9:00 a.m. Keynote Talk: “Biological Education in the Next Century: Challenges for Organismal and Integrative Biology”
Federal Room
Diana H. Wall, AIBS Past-President
Colorado State University

9:00 - 9:30 a.m. Keynote Talk: “The Status and Future of Graduate Education in the U.S.”
Federal Room
Jules LaPidus
President, Council of Graduate Schools

9:30 - 10:30 a.m. Summit Topic 3: Education and Careers
Objective: Exchange ideas and information so as to identify areas of common concern or interest in education and careers in organismal and integrative biology. Identify options and criteria for collaborating, to be discussed during synthesis discussions on Saturday afternoon and Sunday morning.

Federal Room

9:30 - 10:30 Resource Panel & Plenary Discussion
Federal Room

Resource Panelists:

Eleanor Babco, Executive Director, Commission on Professionals in Science and Technology (*careers*)
 Karen Young Kreeger, science writer (*alternative careers*)
 Jay Labov, Steering Committee Member, Coalition for Education in the Life Sciences & Principal Program Officer, Division of Postsecondary Policy and Practice, Center for Science, Mathematics and Engineering Education, National Research Council (*undergraduate education*)
 Jules LaPidus, President, Council of Graduate Schools (*graduate education*)
 Herbert Levitan, Section Head, Division of Undergraduate Education, National Science Foundation (*undergraduate education*)
 Patricia Morse, Dept. of Zoology, University of Washington & PI, AIBS-Packard project to review high school instructional materials in biology (*secondary education*)
 Jean Wyld, Dean, Academic Affairs, York College & Chair, AIBS Education Committee (*education in four-year colleges*)

10:30 - 10:45 a.m. Break

10:45 - 12:30 p.m. Summit Topic 3: Education and Careers [*continued*]

10:45 - 12:30 Breakout groups (self-selected topics: K-16, graduate education, careers)
Jefferson, Studio, East rooms

12:30 - 1:30 p.m. Lunch
Airlie Dining Room

1:30 - 2:30 p.m. Summit Topic 3: Education and Careers [*continued*]

1:30-2:30 Plenary reports from breakout groups on Education and Careers
Federal Room

2:30 - 2:45 p.m. Break

2:45 - 6:00 p.m. Summit Synthesis Begins
Federal Room

3:15 - 6:00 Breakout Sessions: Proposed Options for Collaborative Efforts
Objective: prepare proposals for Sunday plenary discussion on how best to address the Summit goals. At least one group will be formed for each of the three major summit topics: public policy, research funding, and education/careers. Additional breakout sessions will be formed based on participant interests. Participants are asked to remain with one group for the afternoon to ensure continuity of discussion.

Jefferson, Studio, East, West rooms

6:30 p.m. Banquet
Jefferson Room
Presentation of annual AIBS awards

Evening

8:30 p.m. Unstructured Group Discussions
Objective: Opportunity for informal meetings with colleagues and some of the day's speakers and panelists to discuss topics presented and others proposed.

Whistling Swan Pub

8:30 p.m. Special Topic: "The BioOne aggregated online journals project"
Smokehouse
Richard O'Grady, AIBS Executive Director
Richard Johnson, Enterprise Director of the Scholarly Publishing & Academic Resources Coalition (SPARC).

Sunday, November 14, 1999

(all events are in Airlie House unless otherwise noted)

7:00 a.m. Optional environmental tours of Airlie grounds
Meet in front of Airlie House

7:00 - 8:30 a.m. Breakfast
Airlie Dining Room

8:30 - 11:30 a.m. Summit Synthesis Concludes: Group Presentations, Plenary Discussions, and Resolutions on "What We Will Work on Together, How We Will Do It, and What Our Schedule for Completion Will Be"
Objective: Hear presentations from breakout groups, discuss, and reach agreements on post-Summit initiatives, collaborations, action plans, and other products by and between participating societies.

Federal Room

11:30 - 12:15 p.m. Closing Summit Address:
"The Importance of Integrating Biology *inter se* and Across Disciplines"
Federal Room
Edward O. Wilson
Harvard University

12:15 - 12:30 p.m. Summary and Closing Remarks

PRESIDENTS' SUMMIT ENDS

12:30 - 1:30 p.m. Lunch
Federal Room
[Note: Summit attendees are invited to stay for lunch; Presidents are invited to attend the AIBS Council meeting that follows.]

ANNUAL MEETING OF AIBS COUNCIL BEGINS

1:30 - 6:30 p.m.

Annual AIBS Council Meeting
Federal Room