

programs at his institution that the average number of physics graduates for 700 institutions was 5.2 graduates per year, and suggested that this average might be smaller for Georgia institutions as a group.

[NOTE: The study cited was conducted by the American Institute of Physics, Education and Employment Division, AIP Pub. No. R-394.5, August 1999. Also, the average number of graduates per year for Georgia in the study was 4.75 per year. This information has been supplied by Dr. Hasbun and was communicated to me after the meeting.]

The Committee then discussed the small size of physics programs in terms of majors and graduates, but also noted that these programs provide service courses for non-majors. Dr. Marks recommended talking to administrators at our own institutions about these matters, and to also discover the local timetable for our program. Dr. Baker and Dr. Ezell concurred. The point was made that the Dean of each institution may need to argue for particular low-enrollment programs, but Dr. Marks added that we should be prepared to make these arguments ourselves.

ITEM 3. E CORE.

Dr. Wozny shared with committee members information about the proposed E CORE and GLOBE (Global Learning Online for Business and Education). Copies of documents were distributed which called for the development of E CORE courses this upcoming summer, including Principles of Physics, PHYS 2211 and PHYS 2212. Dr. Wozny shared his experiences as a member of the Chemistry Academic Advisory Committee at the January 2001 meeting, where the appropriateness of online laboratory experiences for the Principles of Chemistry courses, CHEM 1211 and CHEM 1212, were discussed extensively. The Chemistry Committee (and, apparently, the Biology Academic Advisory Committee, based on information shared at that meeting) had serious misgivings about the quality of on-line lab experiences for the preparation of chemistry (or biology)

experience of creating on-line materials as part of their own professional development portfolios.

ITEM 4. Astronomy Courses.

Dr. Gatland polled the committee about including astronomy courses in Area D of the core. This was an issue at Georgia Tech, because they have only one semester of General Chemistry instead of two, and are looking for appropriate courses to use in this area of the general education requirements.

Dr. Marks (VSU), Dr. Baker (UGA), Dr. Hasbun (West Georgia), Dr. Davies (Gordon), and Dr. Torbett (Macon State), as representatives from institutions which offer astronomy courses to science majors or non-majors, all offered advice concerning astronomy courses including: content, numbering of courses, level of mathematics, popular

continually changing: i.e., linear algebra is now a separate course and Calculus II is not an acceptable substitution for it. Opinions and suggestions were offered by Dr. Davies, Dr. Schimmrigk, and Dr. Merritt. Dr. Gatland recommended that the requirements and expectations of each engineering department at Georgia Tech be considered separately, and that many departments are still in the process of changing course requirements as a result of semester conversion. He also suggested that students interested in industrial, electrical, or computer engineering may have the most problems.

ITEM 7. Recognition of Dr. Marks.

Dr. Dennis Marks, representative from Valdosta State University, was recognized for his contributions to the Academic Advisory Committee on Physics and Astronomy and to the physics community in Georgia in general on the occasion of his retirement, after thirty years of service in the University System of Georgia. He received a plaque from the Committee and a standing ovation from his colleagues. He commented that this Committee was the only one that he would miss.

ITEM 8. Elections.

Dr. Javier Hasbun, State University of West Georgia, was nominated by Michael Pangia, Georgia College and State University, to serve as chair-elect for 2002-2003. The motion was seconded, nominations were closed, and Dr. Hasbun was voted in unanimously. Representatives chosen for the Executive Committee from each of the three institutional types were Chad Davies, Gordon College - two-year schools; Marv Nelson, Georgia State University - research universities; and Michael Pangia, Georgia College and State University - four-year schools.

ITEM 9. Adjournment.

The meeting adjourned at 12:20 P.M.

REPRESENTATIVES IN ATTENDANCE

Lee Tucker	Southern Polytechnic
F. Todd Baker	University of Georgia
G. William Donaldson	East Georgia College
Surendra N. Pandey	Albany State University
Walter G. Merritt	Darton College
Michael V. Torbett	Macon State College
David Wycherley	Dalton State College
Mariam Dittman	Georgia Perimeter College
Ron Ezell	Augusta State University
Chad Davies	Gordon College
Roy C. Wood	Armstrong Atlantic State University
Morris Whiten	Armstrong Atlantic State University

Brian Thomas	Georgia State University
Ted LaRosa	Kennesaw State University
Rolf Schimmrigk	Georgia Southwestern State University
Michael Pangia	Georgia College and State University
Charles Kao	Columbus State University
Dennis Marks	Valdosta State University
Arnold Somers	Valdosta State University
Dick Prior	North Georgia College and State University
J. Hasbun	State University of West Georgia
Kailash Chandra	Savannah State University
Christopher Wozny	Waycross College
Ian Gatland	Georgia Institute of Technology
Ntungwa Maasha	Coastal Georgia Community College

Respectfully submitted,

C. Wozny

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