

American Nuclear Society Winter Meeting
Hyatt Regency Hotel
New Orleans, Louisiana
November 16, 2003

MINUTES OF THE BIOLOGY AND MEDICINE DIVISION

2003-2004 OFFICERS

Incoming Chair:

Jim Muckerheide

Vice Chair/Chair-Elect:

Amares Chatt

Secretary/Treasurer:

Dickerson Moreno

Newly Elected Executive Committee Members:

Nicholas Spyrou

Christina Plies

Robert Greenberg

A. Chatt (2004), Sam Pillay (2004), E.A. Fernandes (2005), S.P. LaMont (2005),
S. Lndasberger (2005), D.A. Becker (2005)

COMMITTEE MEMBERS PRESENT

Jim Muckerheide, , Dickerson Moreno, Nicholas Spyrou, Stephen LaMont, Dennis
James, Sheldon Landsberger, Robert Greenberg, Donald Becker, Elizabeth De Nadai-
Fernandez

OTHERS PRESENT

Mauro Bonardi, Rolf Zeisler, Paul Wilson, Amanda Kline, Elena Reprikova

- 1) The meeting of the Biology and Medicine Division was called to order at 4:00 pm at the St. Charles C, Hyatt Regency Hotel, New Orleans, Louisiana.
- 2) Adoption of Meeting Agenda -

Copies of the meeting agenda were distributed and a general agreement for its acceptance was reached.

Officer's Report

3.1) Chair:

The Chair stated that a message will be sent through HQ to the current BMD members to inquire about specialties and interests, to match interests with the current BMD Technical Committees, to seek greater participation related to active topics for sessions for current BMD members.

3.2) Secretary/Treasurer

Dickerson Moreno mentioned that he had earlier emailed everybody to get to know the people in the division. Since quorum wasn't met at the San Diego ANS BMD meeting, there were no formal minutes recorded from that meeting.

Ross Radel and Tracy Uchytel of the University of Wisconsin-Madison came in to raise support for the 2004 ANS Student Conference on April 1-3, 2004. The conference, entitled *Out of the Ashes: Revival of the Nuclear Era*, is being chaired by Ross Radel.

Administrative Committee Reports

4) Program

W.D. James announced that BMD is sponsoring/co-sponsoring several sessions at the 2003 ANS Winter Meeting in New Orleans. These include Low-Level Radiation Effects, Medical Applications of Nuclear Techniques, Measurement of Very Low Concentration Elements in Biological Materials, Neutron Detection and Dosimetry, Isotope Production for Medical and Environmental Purposes (Please see attached paper).

Mauro Bonardi proposed a new session entitled Labeling and Quality Control of Pharmaceuticals. Jim Muckerheide suggested a 100-word summary stating the concept of session

A discussion was requested by W.D. James regarding guidelines for paper reviews and acceptance/ rejection of papers. Opinion: The decision about acceptance or rejection is sole responsibility of the reviewers.

Motion: Donald Becker
Second: Stephen LaMont

That the division support the decisions made by paper reviewers (the decision to turn down late papers, etc.). Remove double standards that may have existed in the past and accept what the reviewers' reports. Accompanying arguments include the need to have hard and fast rules on paper acceptance and rejection. There should be blind reviewers and late papers should be rejected.

Vote: Approved with two abstain.

5) Topical Meetings

A discussion was made on the BMD support of the NAMLS meeting on April 2005 in Brazil.

Motion: Rolf Zeisler

Second: Mauro Bonardi

That support should be extended to the NAMLS meeting in Brazil in April 2005 to be a class IV ANS meeting and make ANS as co-sponsor. Jim Muckerheide suggested that the meeting general chair to out paper work and submit to the BMD Division Chairman.

Vote: Unanimously approved.

6) Publications

Discussion: A point was made on finding better journals as vehicles to publish BMD/ANS articles. A need was also stressed to create venue to publish articles to increase BMD membership and to have a BMD publication every year, considering that ANS charges are high per page.

Discussion: A discussion on the *ANS Metrics* was made. The Metrics is an evaluation of an AND Division performance in terms of the number of division-sponsored topicals/meetings/sessions, membership and papers.

7) Discussion: Resolution was sought on what to do with submitted papers that do not follow ANS guidelines. Stephen LaMont mentioned that some papers don't include scientific data, have only few references and are more like position statements.

8) Membership Committee

Sheldon Landsberger is planning on putting together a newsletter for members and non-members alike.

9) Dickerson Moreno mentioned Dr. Bernadette Kirk's initiative on Medical Physics Applications, and a number of attendees planned to attend the first meeting the following day.

10) Old Business

a) Possible nominations for next year's new set of officers and Executive Committee members were discussed.

b) A discussion on the BMD support of the ANS Student Conference was made.

Motion: Donald Becker

Second: Amares Chatt

That BMD gives \$200.00 to support the 2004 ANS Student Conference at the University of Wisconsin-Madison and a \$400 travel grant to the 2004 ANS Winter Meeting in Washington DC for the Best Paper Presentation in Biology and Medicine at the 2004 ANS Student Conference. The winner should present the paper at a BMD-sponsored session in Washington DC before the check is awarded to him/her.

Vote: Unanimously approved.

11) New Business

Nicholas Spyrou invited everyone to the 11th International Conference: Modern Trends in Activation Analysis; Guildford, UK. University of Surrey on 20 –25 Jun 2004.

12) Adjournment

Jim Muckerheide adjourned the meeting at 6:20 PM. General agreement.

Respectfully submitted,

Dickerson C. Moreno

Secretary/ Treasurer

Department of Radiation Oncology/Therapeutic Radiology

Medical School

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**Biology and Medicine (BMD)
 Technical Program Chair Report
 BMD Committee of the Whole Meeting, November 16, 2003,
 Winter Meeting of the American Nuclear Society
 New Orleans, LA.**

Submitted by Dennis James, BMD Program Chair

BMD is sponsoring or co-sponsoring several sessions at the ANS Winter Meeting being held in New Orleans, LA on November 16-20, 2003. Sessions to be held are described below. Also of note, Dr. Richard Wainerdi, a former Hevesy Medal winner and currently president of the Texas Medical Corporation, is participating in this year's Technical Program Chair's special session. Those of us with primary interest in non-power applications of nuclear technology are pleased to see ANS administration including someone from our fields of study in this prestigious session. Dr. Wainerdi has championed the development of neutron activation analysis and medical applications of nuclear science for many years. I hope everyone will be sure to make plans to attend the session on Wednesday afternoon at 4:00 PM.

BMD sponsored/cosponsored sessions scheduled for 2003 Winter Meeting

| Session | Track | Organizer | Sponsor | Time | Papers |
|--|-------|-----------------|---------|------------|-----------|
| Low-Level Radiation Effects | 7c | Jim Muckerheide | BMD | Mon PM | 6 |
| Medical Applications of Nuclear Techniques | 7b | Dennis James | BMD | Tue AM | 4 |
| Measurement of Very Low Concentration Elements in Biological Materials- I | 7f | Rolf Zeisler | BMD | Tue AM* | 3 |
| Measurement of Very Low Concentration Elements in Biological Materials- II | 7f | Rolf Zeisler | BMD | Tue PM | 5 |
| Neutron Detection and Dosimetry | 7d | Nicholas Spyrou | BMD/IRD | Wed AM | 6 |
| Isotope Production for Medical and Environmental Purposes | 7e | Mauro Bonardi | BMD/IRD | Thu AM | 9 |
| TOTAL | | | | | 33 |

* To immediately follow track 7b in the same location.

Many thanks to everyone who worked so hard to put sessions together and ensure the success of BMD programs. We will expect the Winter Meeting in November, 2003 in Washington D.C. to be our next big effort. I hope to finalize suggestions for session topics during the Program Committee meeting so we can respond to the deadlines for session titles and 100 word summaries in a timely manner.