

# The Dialog

November 2005

## SOS/AAPT Minutes from the Fall Meeting

### SOS/AAPT Officers

- President: Elizabeth George, Wittenberg University
- President-elect: Frank Huss
- V.P. for Colleges & Universities: Mark Fischer, College of Mt. St. Joseph
- V.P. for 2 year Colleges: Darwin Church, UC Clermont
- V.P. for Secondary Schools: Julie Haverkos, Sycamore High School
- Secretary: Fred Reuter, St. Xavier H.S.
- Treasurer: Pat Shields, Capital University
- Section Rep to AAPT: Steve Yerian, Xavier University
- At Large Member: Jim Sullivan, University of Cincinnati and Gordon Aubrecht, Ohio State University
- Dialog Editor: Cindy Parrott, Sycamore H.S.
- Past President: Bill Kuhlman, St. Xavier High School

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SOSAAPT Minutes 29 October 2005

Mt. St. Joseph College; guests of Prof. Mark Fischer

### Executive Meeting:

President Elizabeth George presided

**Treasurer's Report** – Proxy: \$3302.92 & as of 9/30/05 an outstanding deposit of \$680 for a total of \$3982.92 Request that Pat Shields maintain a Mailing List for SOSAAPT and backup to an electronic medium.

Gordon Albrecht will continue dialogue with Ohio U about the **fall 2006 joint meeting**.

**Spring of 2006** has also fallen through the cracks. Beverly A.P. Taylor at Miami U.

(Hamilton & Oxford) will investigate potential hosting for Spring 2006.

(March 31 not March 11.)

**Nominations for President Elect:** Frank Huss was nominated, seconded.

Science Days: May 6 @ Ohio State.

Business Meeting: (1:10 p.m.)

President Elizabeth George presided.

**Election** of Frank Huss President Elect.

**Report @ Section:** Gordon reported that AAPT considered a single meeting a year as a model which was voted down. A single national meeting during the summer was rejected.

**State Science Day** is May 6 @ O.S.U. Need judges. Contact Gordon. A.P.S. supplies the prizes, we supply the judges.

**District Science Fair** is at U.C. March 11. Again judges are needed. (It is a terrific time!) Contact Jim Sullivan [www.uc.edu/science](http://www.uc.edu/science) fair

**SOSAAPT needs hosts for future meetings.**

Open dates include Spring & Fall 2007, Spring & Fall 2008

Frank Huss announced that the Observatory hosts seven days of Mars observation Nov 5 – 12.

Steve Yerian announced that Xavier U has open house for Mars observation Oct. 27

President George requests that we do a mailing to the local high schools.

Next Executive meeting is at Wittenberg University, Bill Dohlhoff hosts.

Expressions of gratitude to Mark Fisher host of the meeting, for a very comfortable and informative meeting.

Motion for adjournment and second.

Respectfully

Fred Reuter, secretary

List of Officers & Terms of Office:

Elizabeth George: President until spring 2006

Bill Kuhlman: Past President until spring 2006

Frank Huss President Elect until spring 2006

Mark Fischer: V.P. for 4 year Colleges until 2008

Fred Reuter: Recording Secretary until spring 2006

Pat Shields: Treasurer until spring 2006

Steven Yerian: Section Rep to National AAPT until spring 2007

Darwin Church V.P. for 2 year Colleges until spring 2006

Julie Haverkos V.P. for High Schools until spring 2007

Gordon Aubrecht At Large Indeterminate term

Jim Sullivan At Large Indeterminate term

Cindy Parrott Dialog editor & Publisher Indeterminate term

## Fall Meeting at Mt. St. Joseph

On Saturday, 29 October 2005, the College of Mount St. Joseph hosted the Fall Meeting of the American Association of Physics Teachers -- Southern Ohio Section. By all accounts, the meeting was a success. Twenty-two physics students, teachers, professors, and researchers enjoyed a day of contributed presentations on current research and best teaching practices culminating in the invited lecture, *String Theory: A Path to Quantum Gravity*, by Dr. Philip Argyres from the University of Cincinnati, Particle Physics Theory Group. Attendees and presenters came from Ohio State University, Wittenberg University, Xavier University, Thomas More College, Miami University, and University of Cincinnati as well as St. Xavier, Celina, and Piqua High Schools. Participants spanned all career stages including students from the Thomas More Math/Physics Club through retired teachers and professors.

The program was as follows:

Contributed Papers:

*Using VideoPoint to do Real Physics-or-How to Make Friends with a Mycologist*  
Dr. Mark Fischer, College of Mount St. Joseph

*Student Perceptions of an Introductory Laboratory Course: Baseline Data*  
Dr. Jennifer Blue, Miami University

*Formative Evaluation of Labs: A Perennial Problem*  
Dr. Gordon Aubrecht, The Ohio State University

*An Example of Formative Assessment in Physics by Inquiry and Other Lab Courses*  
Dr. Gordon Aubrecht, The Ohio State University

*An Introduction To Digital Physics Textbooks from Kinetic Physics*  
Dr. Bernie Franks, Butler Tech and College of Mount St. Joseph

*How I Do It: Introducing Gravitational Potential Energy*  
Dr. Beverley Taylor, Miami University, Hamilton

**SOUTHERN OHIO SECTION OF THE AMERICAN  
ASSOCIATION OF PHYSICS TEACHERS**

The Dialog  
c/o Cindy Parrott  
Sycamore High School  
7400 Cornell Road  
Cincinnati, OH 45242  
Phone: 513-489-0405 ext. 445  
Fax: 513-489-7425  
Email: parrottc@sycamoreschools.org

Please email your address as the Dialog is moving to an all electric format. The Dialog will be sent via email and can also be found at:

[www.physics.ohio-state.edu/~aubrecht/sosaapt.html](http://www.physics.ohio-state.edu/~aubrecht/sosaapt.html)

## *When did you last pay your membership dues?*

If you can't answer this question and are not a lifetime member, it is time to pay your \$10.00 dues to the SOS/AAPT.

Checks for membership can be made out to the SOS/AAPT and sent to the address at the left. Please ask teaching colleagues and valued friends to consider becoming a part of our organization. New members are always welcome and needed.

The executive board of SOS/AAPT are looking for volunteers to serve as at large members of the board. If interested please contact any of the officers list on page one.