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Barneveld Masonic Lodge #319
108 South Jones Street
Barneveld, Wisconsin 53507

Meet: Every second Tuesday of the month at 7:00 PM

Barneveld Masonic Lodge Trestle Board – September 2015

August meeting highlights: The regular dispatch of business occurred on August 11, 2015



Mark McCutchin and Gerry Watson were the Lunch Committee. Thank you!



Attendance at the August meeting was good!

A revision to the By-laws was presented. After a little discussion members agreed that the revised wording be sent to membership for review. Current by-laws state that any revised By-laws changes must be provided to all members at least 10 days prior to the next stated meeting. Our next stated meeting is August 11, 2015. **Therefore, the following by-laws change will be voted on at the September 8, 2015 meeting.**

Current wording:

SECTION 3. Fees and Dues-The fees for degrees and dues shall be in such amount and payable at such times and in such manner as the lodge shall from time to time by resolution determine, providing, however, that no change shall be made in either fees or dues, except at a stated communication, and then only after due and proper written notice has been given to the membership of this lodge at least 10 days prior to the date designated for action on the resolution.

(a) Fees. The fees for the three degrees conferred in this Lodge shall be \$80 payable as follows; \$20 with the petition and \$20 on or before receiving each of the degrees

(b) Dues. The annual dues of this Lodge are \$24 plus the annual per capita tax of the Grand Lodge, and they are payable in advance on or before the first day of January in each year.

Proposed wording:

SECTION 3. Same as above

(a) Fees. The current fees for the three degrees conferred in this Lodge as established in Section 3 shall be reflected in the Lodge minutes.

(b) Dues. The annual dues of this Lodge as established in Section 3 shall be reflected in the Lodge minutes and shall include the annual per capita tax of the Grand Lodge, and they are payable in advance on or before the first day of January in each year.

Members discussed the increase in the Lodge's power bill since the library has moved in. Randy will determine the average monthly bill for the time period the lodge is here for the previous two years. The difference in this year's actual and the average of the last two years will be billed to the library. Members remembered this being the agreement with the library.

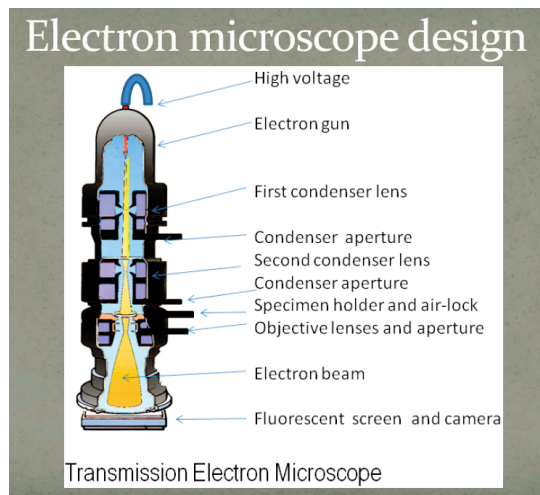
The resolutions from the Annual meeting were read in Lodge as required.

Members discussed replacing the carpet in the dining area after the library vacates the building. Tim will get quotes on vinyl flooring before the next meeting.

Randy Massey presented” “Transmission Electron Microscopy”

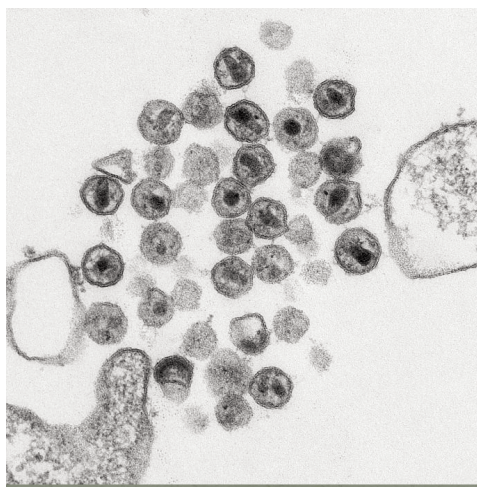
Randy provided a brief history of optical microscopy. The resolution that can be obtained with light is limited by the Abbe law which essentially states that the resolution is inversely proportional to wavelength. The shorter the wavelength the better the resolution. Hence, light microscopy has very real limits. Using the principle of a cathode ray tube, electrons can be used to image things rather than light. The wavelength of electrons are much shorter than visible light. All electron microscopes utilize a Vacuum. Because of the intensity of the electron beam and the presence of a vacuum all images are of “non-live” images and are without color.

The greatest challenges facing Randy in his work with electron microscopes is sample preparation.



In addition to the challenges of working with very small samples, some of those samples are potentially dangerous. To the right is an image of Human Immuno-deficiency Viruses (HIV).

The depth in which an electron microscope can focus through a sample is related to the intensity of the electron beam.



Save the date: October 13, 2015. Most Worshipful Grand Master Frank Struble will visit the Barn-evelde Lodge with the intent of getting input from members of District 8 relative to the future of Ma-sonry. Members of lodges throughout District 8 are encouraged to attend.

Milestone Recognition Program

The September 8, 2015 Lodge meeting will honor 5 members achieving the following milestones:

Anton “Sam” Arneson	65 years	Certificates will be provided to each of these 5 mem- bers. A review of events from 1950 and 1990 will ensue. Do you have any memories of these mem- bers and these years to share? If yes, please join us in this special event.
Neal Massey	65 years	
Ralph Baumeister	65 years	
Robert McNeill	65 years	
Mark McCutchin	25 years.	

Future Meeting Dates

September 8, 2015

Guest Lecture: **Jeff Schoenfeldt**, “Cuba: The Socialist Experiment”

October 13, 2015

Guest Lecture: **Dave Grinder**, “The Endogenous Reward System” (tentative, depending on the agenda associated with the Most Worshipful Grand Master visit)