

W8UM: University of Michigan ARC

W8UM ARC Student Officers; 2016-2017

President: Stuart Carlson, W8SRC
V-President: Peter Shultz, W2PKS
Secretary: Jeff Gazdacko, KE8BLW
Treasurer: Vacant

W8UM Trustee: Mark Travaglini, WD8DPA
Faculty Advisor: Amir Mortazawi, PhD

W8UM Meeting Dates (3rd Thursday)

September 15, 2016 BBB Room 1690
October 20, 2016 EECS Room 1005
November 17, 2016 EECS Room 1005
December 15, 2016 No Mtg., Exam Week
January 19, 2017 EECS
February 16, 2017 EECS
March 16, 2017 EECS Club Elections
April 20, 2017 EECS
May - August No scheduled meetings

Club Events & Dates

Northfest September 5, 2016
Festifall September 9, 2016
EECS Family Night: Friday, October 14, 2016 6pm
ARRL License Testing 2nd Saturday of each month
ARRL School Club Round-Up Week of October 17-21, 2016
ARRL Phone Sweeps November 19-21, 2016
KB6NU 1-day Tech Class Saturday, January 21, 2017 (EECS #)
ARRL School Club Round-Up: Week of Feb XX, 2017
Mi QSO Party April 15-16, 2017
UMSI Maker Fest; North Quad April XX, 2017
ARRL Field Day Saturday, June 23-24, 2017

W8UM Sunday Night Net (8 pm Ann Arbor time): 145.23 mHz, PL 100 Hz (-600 kHz)
Temporarily on 146.96 (ARROW Freq.) or via EchoLink Node 301158 (W8UM-R)

W8UM Amateur Radio Club Meeting Agenda for Thursday, November 17, 2016

Time / Location: 6:30 pm. Room 1005 of the EECS Bldg., 1301 Beal Ave.

Presenter: Don Winsor, AC8TO

Topic: Don will present an amateur radio enabled weather station based on a Raspberry Pi single board computer, a Baofeng UV-5R transceiver, a Sparkfun SEN-08942 weather meter kit, and a Bosch BME280 temperature, humidity, and barometric pressure sensor. The station is capable of reporting weather conditions at a remote site over the radio.

Outline: Intro to Raspberry Pi and UV-5R
Basic connections to make the Raspberry Pi and the radio talk to each other
Making the Pi talk on the radio (with demo)
Bosch temperature / humidity / pressure sensor (with demo)
Sparkfun wind vane / anemometer / rain gauge overview
DTMF tone commands (with demo)
GPS synchronized real time clock

Note: For Don's Demonstration - Please bring your UHF Band (431.9 MHz) HT to monitor

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|-----------------------------|---|--|
| 1. Welcome | Treasurer's Report: (September 2016) | Station Manager's Report: (October 2016) |
| 2. Treasurer's Report | Balance (10/20/16): \$ 3963.94 | Radio's: TS590/FT1000D/IC910/IC746/APRS/FT8800 |
| 3. Station Manager's Report | Revenues: (Sept) \$ 120.00 | Antenna's: 80M , G5RV, Satellite, SteppIR, Vert, Disc |
| | Donations (cash): \$ 80.00 | QSO's (mo): Oct: 88 |
| | Expenses: (Oct) \$ | QSO's (yr): 2015 2016 |
| | Balance (11/17/16): \$ 4323.94 | QSO's (total) 3178 2301 |
| | | Contests: None |
4. Prior Business:
- a. Hallicrafters SX-28 restoration project; Replacement Tubes provided by Joel Thurtell.
 - b. W8UM Repeater; in-operable due to Dennison / Weiser Hall construction - **Expected Completion Date, June 2017.**
 - c. Temporary EchoLink node, via the ARROW repeater, for the Sunday Net.
 - d. ARRL Test Sessions; 2nd Saturday of each month at the Washtenaw County Red Cross Bldg.
 - e. ARROW Holiday Brunch; Sunday, November 20, 2016. Quarter Bistro; John Wasciuk
 - f. ARRL Student Scholarships; <http://www.arrrl.org/scholarship-application>. Past recipients (2014) include Jessica Lipa (K8XA) and Joe Lipa (N8OY)
5. New Business
- a. Generous Monetary Donation from Ivan Nordstrand, Jr. (W8IPN)
 - b. Sunday Night Net; Net Control Op:
 - 10/23/2016: Ed Vielmenti W8EMV
 - 10/30/2016: Don Winsor AC8TO
 - 11/06/2016: Don Winsor AC8TO
 - 11/13/2016: Stuart Carlson W8SRC

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c. New Member Station Orientation (Oct - Nov 2016):

Pete Ehrett, KE5OYZ
Ed Platt, KC1DYK
Ben Wachs, KK6RAT

d. Local Swaps: L'Anse Cruese Swap. Sunday, December 4, 2016, Madison Heights, MI.

e. Membership Dues; \$20 for non-students.

f. KB6NU 1-Day Tech classes; Jan 21, 2017 (EECS Bldg.)

g. Solder instruction class w/ Dave Boprie. Interest Sign-up Sheet. <http://clasp.engin.umich.edu/people/boprie/ENGINEER>

h. Published **amateur radio** articles by W8UM Members (to include on website)

i. 1981 Field Day photos – can you identify those in the photos?

6. Attendance (Oct 2016): 36

Students: 14

Alumni: 11

Faculty/Staff: 9

Non-UM: 2

W8UM ARC President or Designee

W8UM Meeting Location: Electrical Engineering & Computer Science Building, Room 1005

Address: 1301 Beal Ave.

ZIP: 48109



Can anyone identify the members in these 1981 Field Day photos?



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