University of Michigan Amateur Radio Club: W8UM & W8AXZ

W8UM Student Officers; 2020 - 2021

President:	Michael Fluegemann	KE8AQW
V-Presidents:	Cameron Blocker	KG5LVQ
	Max Difazio	KE8NBZ
Social Media:	**Vacant**	
Website:	**Vacant**	

W8UM Trustee: Mark Travaglini, WD8DPA
W8AXZ Trustee: Michael Fluegemann, KE8AQW
Faculty Advisor: Amir Mortazawi, PhD., AC8YB

W8UM Meeting Dates

September 08, 2020	Student Open House
September 24, 2020	ZOOM Mtg.
October 15, 2020	ZOOM Mtg.
November 19, 2020	ZOOM Mtg.
December 2020	**No Scheduled Mtg., Exam Week**
January 14, 2021	ZOOM Mtg.
February 18, 2021	ZOOM Mtg. (Solicit Nominees)
March 18, 2021	ZOOM Mtg. (Club Elections)
April – August	**Summer Break – No Mtgs.**

W8UM Club Events & Dates

Northfest	Monday, September 2, 2020 (Pierpont; 11-2pm)
Festifall	Friday, September 6, 2020 (Central; 2-6 pm)
ECE Open House	Monday, September (5-7:30 pm)
KB6NU 1-Day Class	Saturday, September Room 1303 EECS
Collegiate QSO	Saturday, September 19, 2020
ARRL School Club	Week of October 19-23, 2020
ARRL CW Sweeps	November 7-9, 2020
ARRL Phone Sweeps	November 21-23, 2020
KB6NU 1-Day Class	Saturday, January xx, 2021
NA QSO Party (CW)	January 9-10, 2021. 2nd Full wknd in January
NA QSO Party (SSB)	January 23-24, 2021. 3rd Full wknd in January (North America Collegiate Championship)
Winter Field Day	Last Weekend in January 30-31, 2021
ARRL School Club	Week of Feb 8-12, 2020
Mi QSO Party	April 3, 2021
Ann Arbor City Mar.	March 21, 2021
ARRL Field Day	Saturday, June 26-27, 2021
One Helluva Ride	Saturday, July 11, 2021

W8UM Sunday Night Net (8 pm Ann Arbor time): 145.23 MHz, PL 100 Hz (-.600 MHz) or via EchoLink Node 301158 (W8UM-R)

W8UM Amateur Radio Club Virtual Meeting Agenda for **Thursday, November 19, 2020**

Meeting Time: 6:00 pm (Local Time)

VIA ZOOM

Link to Join Zoom Meeting
https://umich.zoom.us/j/6058262480?pwd=dngyS09zVUFMZjRqakpmelZZYXJxZz09

Meeting ID: 605 826 2480
Passcode: leader

Speaker: Michael Fluegemann, KE8AQW, W8UM Club President
Topic: On-Line Testing Sites to Obtain Your Amateur Radio License

---

1. **President's Welcome**
2. Treasurer's Report
3. Station Manager's Report

Treasurer's Report:

Balance (10/15/2020):	$	5531.49
Revenues (equip. sales):	$	0.00
Donations (Item 5a):	$	52.00
Expenses: (Item 5b):	$	0.00
Balance (11/15/2020):	$	5583.49

Station Manager's Report:

EECS Location:

Radio's:	TS-590/FT-1000D/IC-910/IC-746/APRS/FT-8800
Antenna's:	
Tower:	SteppIR (6-40M), 2M Yagi, 70cm Yagi, Discone
Wires:	80M, G5RV (6-80M)
Verticals:	10-20M, 10-40M, 2M (APRS)
Satellite:	Circular Polarized Yagi; 2M & 70cm
Field Day Use:	3-Element SteppIR & 3-Element Mosley Circular Polarized 2M & 70cm Yagi
Tower Cam:	EECS Tower Cams: operational
Trailer Tower:	35' Tower w/ 3-L SteppIR, Controller & Rotor
Weiser Hall:	145.23 repeater w/ EchoLink operational
Mich. Union Roof:	20' Tower & antennas removed August, 2018

4. Prior Business / News:
   a. ARRL Test Sessions; 2nd Saturday of each month at the Washtenaw County Red Cross Bldg. Contact ARROW,

b. Volunteers wanted for positions at W8UM: Website, Social Media…
c. Open Shack Nights / SWL Open House: anyone interest in leading / organizing / scheduling?
d. ARRL Scholarships available to Students: **Application Deadline is January 30, of each year.**
e. Peach Mountain Observatory Restoration: update / interest list created
f. SDR Purchase: Consideration towards purchasing a SDR; HackRF / Red Pitaya / Flex / other?

5. Contributions / Expenses / Donations:
   a. Generous Monetary Contributions / Financial Support Received:
      1. Mitch Kuch
      2. Dave New
      3. Ralph Katz

   b. Club Purchases / Expenses: **$ 0.00**
      1. Pizza / Beverages $ 0.00
      2.

   c. W8UM Equipment Donors:
      1. None

   d. Donated Equipment / Radios Received:
      1. None

6. **Support W8UM Activities**: Food, Radio Repairs, Upgrades, Purchases, Tower & Antenna Maintenance
   Financial Support / Donations Accepted from all (non-students) individuals with an amateur radio call sign. Students are Free.
   Credit Cards & Payroll Deduction accepted via the W8UM website below:
   http://umarc.eecs.umich.edu/index.php/support-your-favorite-u-m-student-club/pay-dues-online/

7. **ARRL Student Scholarship Applications**: The ARRL is now accepting applications for this scholarship. **Application Deadline is January 30, of each year.** Contact Michael at W8UMBoard@umich.edu for information. Michael is a recent recipient of an ARRL Scholarship.

8. **Covid-19: Student Organizations Rules for In-Person Events / W8UM Shack**
   - Any in-person events/meetings/rehearsals/practices/etc planned for the duration of the Stay-in-Place order must be shifted to a virtual setting.
   - Under the newly issued stay in place order, undergraduate students must remain in their residence unless attending class, accessing dining services, or carrying out approved work that cannot be done remotely.
   - Under existing state orders, everyone must continue to separate themselves from others not already in their household by at least 6 feet and wear a face covering when out in public or in common areas.

9. **W8UM Items For Sale:**
   A. Dentron Jr. Antenna Match, 300W (untested). Submit your offer to: W8UMBoard@umich.edu







B. Zenith Trans Ocean Short-Wave Receivers (2). Radio on Left is missing the glass dial cover. Submit your offer to: W8UMBoard@umich.edu

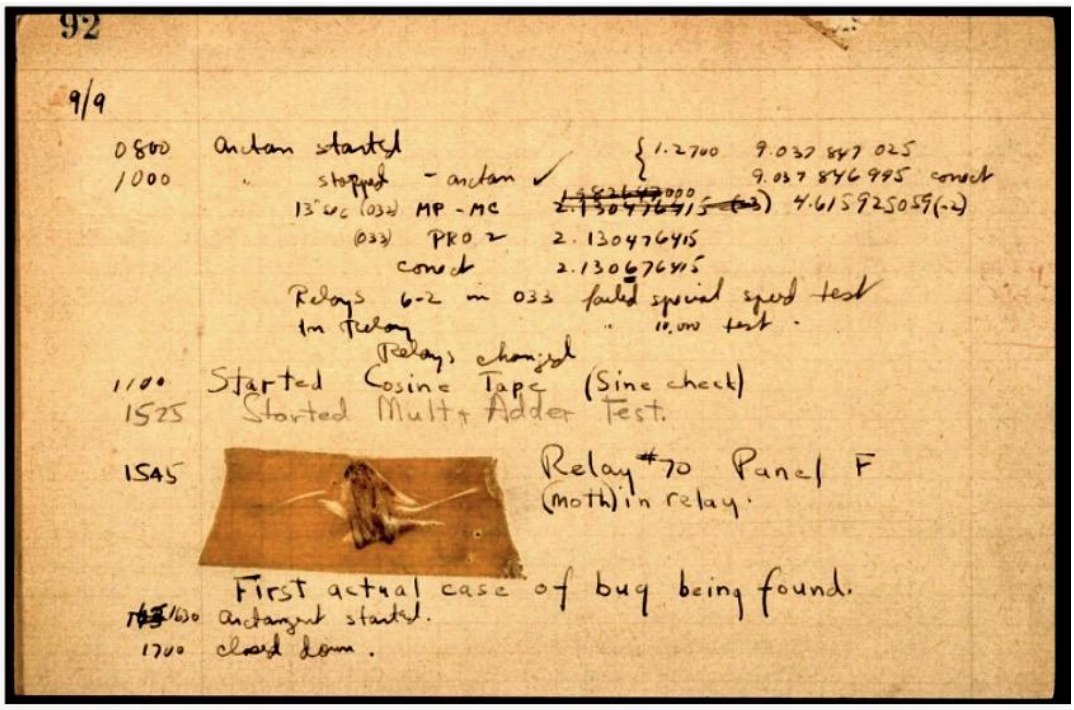

Front Left / Right


Rear Left / Right


Left Rear Radio


Right Rear Radio

1. Any Volunteers: Interested in presenting a topic to the W8UM Membership?
2. **Motus Wildlife Tracking:** Any interest in establishing / participation in this program? Link: https://motus.org/
3. **Factoid, courtesy of K8EV & N4IYL:** Did you know that the light and warmth of the ENIAC's vacuum tubes attracted moths—so many, in fact, that the task of cleaning them out became known as "debugging".



First computer bug documented by Grace Hopper: a moth in relay #70

4. **W8UM Radio Restoration Group:**
   a. Shack use is currently restricted. No repairs are taking place.
   b. Please contact W8UM.Radio.Restoration.Group@umich.edu for "exact" dates / times of future restoration meetings and projects
5. W8UM Sunday Night Net; Control Ops:

10/25/2020	Pat Seitzer, WA4DSR
11/01/2020	Pat Seitzer, WA4DSR
11/08/2020	Pat Seitzer, WA4DSR
11/15/2020	Pat Seitzer, WA4DSR

6. W8UM Shack Access: If interested in obtaining a "Shack Access Code", that provides you with unlimited room access, please contact W8UM at W8UMBoard@umich.edu

7. Members / Alumni: If you plan to visit Ann Arbor and would like to tour or operate from W8UM please contact W8UM in advance at W8UMBoard@umich.edu to arrange.

8. **UMich ARC Sunday Night Net 8pm local time**: if outside of Ann Arbor, sign-on to EchoLink using the Android, i-Phone or computer apps. Net is open to ALL licensed individuals.



iPhone screenshot

Download the FREE EchoLink app to connect to the W8UM repeater (145.230 MHz).

1. Download the app
2. Call-sign verification may take minutes to several days
3. Search for W8UM and save to Favorites
4. Press Connect
5. Tap Transmit, on your iphone/android, to talk & Tap the screen to stop TX
6. Disconnect from the W8UM Repeater by tapping END

Follow the same process to connect to repeaters throughout the world.

9. Attendance (October, 2020 Zoom Meeting): Attendance: 14 Students: 6 Alumni: Faculty/Staff: Non-UM:

10. Open Discussions / Comments / Audience Announcements:

11. Monthly Presentation: Described Above.

_____

W8UM ARC President or Designee

University of Michigan Amateur Radio Club: W8UM & W8AXZ



To make a monetary donation to support W8UM, please use the link below.

http://umarc.eecs.umich.edu/index.php/support-your-favorite-u-m-student-club/pay-dues-online/a

University of Michigan Amateur Radio Club: W8UM & W8AXZ

W8UM Meeting Location: Electrical Engineering & Computer Science Building

Address: 1301 Beal Ave. Virtual Meetings only until further notice due to COVID-19 campus restrictions

ZIP: 48109

Engineering Campus Visitor & Employee Parking Lots

Hayward Street: Lot NC 20

FREE after 5 pm weekdays & weekends or anytime with a UM Parking Pass.
*** **Barrier Free Access** thru the DOW Bldg into the 3rd Floor EECS Bldg.

Hayward Street: Lot NC 48

FREE after 5 pm weekdays & weekends or anytime with a UM Parking Pass.
VISITOR parking is $1.80 / hour (coin or credit card) before 5 pm
*** NOT Barrier Free Access to EECS

Murfin Street / Walgreen Drama Center: Lot NC 27

FREE after 8 pm weekdays & Sunday only or anytime with a UM Parking
VISITOR parking is $1.80 / hour (coin or credit card) before 8 pm
*** **Barrier Free Access** thru the courtyard to the EECS Bldg.

Beal Sttreet: Lot NC 60

FREE after 5 pm weekdays & weekends or anytime with UM Parking Pass (GATED LOT).
*** **Barrier Free Access** along the East Side of EECS Bldg.

University of Michigan Amateur Radio Club: W8UM & W8AXZ



EECS Bldg., View from the Engineering Courtyard