W8UM: University of Michigan ARC

W8UM ARC Student Officers; 2018-19

President:	Kit Ng	N9KIT
V-President:	Rachel Norris	KD0QYA
Treasurer:	Jeff Gazdacko	KE8BLW
Repeaters:	Stuart Carlson	W8SRC
Website:	Vacant	
Social Media:	Vacant	

W8UM Trustee: Mark Travaglini, WD8DPA
Faculty Advisor: Amir Mortazawi, PhD., AC8YB

W8UM Meeting Dates

September 13, 2018	Student Open House 1014 Dow
September 20, 2018	EECS Room 1303
October 18, 2018	EECS Room 1303
November 15, 2018	EECS Room 1311
December 20, 2018	No Scheduled Mtg., Exam Week
January 17, 2019	EECS Room 1200
February 21, 2019	EECS Room 1200 (Solicit Nominees)
March 21, 2019	**EECS Room 1200 (Club Elections)**
April 18, 2019	No Scheduled Mtg., Exam Week
May – August	Summer Break – No Mtgs.

Club Events & Dates

Northfest	Monday, September 2, 2018 (Pierpont; 11-2pm)
Festifall	Friday, September 7, 2018 (Central; 2-6 pm)
KB6NU 1-day Tech	Saturday, Sept. 29, 2018 (Room 1311 EECS)
EECS Family Night:	Friday, September 14, 2018; (EECS; 6-9pm)
ARRL School Club	Week of October 15-19, 2018
ARRL CW Sweeps	November 3-5, 2018
ARRL Phone Sweeps	November 17-19, 2018
KB6NU 1-day Tech	Saturday, February 23, 2019 (1303 EECS)
NA QSO Party (CW)	January 12 – 13. 2nd Full wknd in January
NA QSO Party (SSB)	January 19 – 20. 3rd Full wknd in January
Winter Field Day	Last Weekend in January 26-27, 2019
ARRL School Club	Week of Feb 11-15, 2019
SSO Renewal	**3rd Weekend in March**
Mi QSO Party	**April 21, 2019**
Ann Arbor City Mar.	**May 20, 2019**
ARRL Field Day	**Saturday, June 29-30, 2019**
One Helluva Ride	**Saturday, July 14, 2018**

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

W8UM Amateur Radio Club Meeting Agenda for Thursday, **March 21, 2019**
Time / Location: 6:30 pm. Room 1200 EECS Bldg., 1301 Beal Ave.

Presenter: Ul Balis, N4IYL
Title: Simplified Approach to Understanding Thermionic Vacuum Tube Operation in Theory & Practice

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

Treasurer's Report:

Balance (02/15/2019):	$	4243.51
Revenues / Reimburse:	$	5.00
Donations:	$	112.00
Expenses: (Item 5A,3)	$	162.00
Balance (03/15/2019):	$	4198.**51**

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
Tower Cam:	non-operational **(EECS)**
Trailer Tower:	available for use
Weiser Hall:	145.23 repeater w/ EchoLink operational. 900 MHZ off-air
Mich. Union:	**Satellite** Tower removed August, 2018
Contacts:	QSO's (Feb): 58
	QSO's (2019) 437 (2018): 3125

4. Prior Business / News:
   a. ARRL Test Sessions; 2nd Saturday of each month at the Washtenaw County Red Cross Bldg. Contact ARROW
   b. Volunteer for positions: Website, Social Media…
   c. ARRL Scholarships available to Students: Application Deadline is January 30, of each year
   d. Open Shack Nights / SWL Open House: any interest in organizing / scheduling?

5. New Business:
   a. Donation(s):
      1. Generous Monetary Contributions / Financial Support Received:
         a. Mitch Kuch
         b. William Moon
         c. Chumpeng Wang
         d. Ulrich Rashke
         e. Larry Works
         f. Rusty Dekema

      2. Equipment Donations Received:
         a. None

      3. Club Purchases / Expenses
         a. Pizza / Beverages ($162.00)

   b. **Support W8UM Activities**: Food, Radio Repairs, Upgrades, Purchases, Tower & Antenna Maintenance
      Financial Support / Donations Accepted ($20 / yr.) for all (non-students) individuals with an amateur radio call sign. Students are Free.
      Cash / Check, 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/

   c. **Voting for 2019 – 2020** W8UM Student Club Officers. Last call for interested students. Distribute Ballots

   a. DX Engineering: Special Thanks to Bill Duffy K3LR !



   b. KB6NU 1-Day Tech Class: 37/42 passed (88%)
   c. Michigan QSO Party: Annual competition against MSU. Operators needed.
   d. ARRL - TAPR (Tucson Amateur Packet Radio) Convention, Detroit Metro Marriot, Sept. 20 – 22, 2019
   e. Student Sponsored Organization Registration: Northfest & Festifall Events
   f. W8UM Bylaws need to be submitted to EECS (every-other year)
   g. HAMSCI (Ham Radio Science Citizen Investigation). Goal: advance scientific research through amateur radio. Location: http://hamsci.org/ Case Western Reserve University
   h. 1963 QSL Card received for W8AXZ (6M)



i. **Guest Visitor**: Past-W8UM President, Chumpeng Wang (KD8MLS) was in attendance during the February meeting

j. **First Satellite Contact**: Stuart, W8SRC, made his first satellite contacts! SO-50, 10 degree pass.

k. SSB 220: internal components of the amp were cleaned. Plug will be replaced.





l. W8UM Shack Access: Pleases contact W8UM if interested in obtaining "Shack Access Code"

m. 1967 QST Contest Photo: photo taken by Steve, K8QKY



n. Station Tour / Equipment Orientation (Mar):

1. Ralph Katz

2. Joshua Burg

o. EchoLink: **46** sign-ons to Echolink node during February, 2019

p. W8UM Sunday Night Net; Control Ops:

02/24/2019	Don Winsor, AC8TO
03/04/2019	Pat Seitzer, WA4DSR
03/11/2019	EchoLInk Only – Rptr. Down
03/18/2019	Don Winsor, AC8TO

q. Local Hamfest Schedule:

1.	Livonia ARC:	Livonia	Feb. 17, 2019
2.	Michigan Crossroads	Kalamazoo	Mar. 16, 2019
3.	Perrysburg, OH.	Owen Comm. College	Mar. 17, 2019
4.	GMARC Tech Expo	Madison Hgts.	April 7, 2019
5.	Dayton Hamvention	Xenia, OH.	May 17-19, 2019
6.	Chelsea Swap	Chelsea	June 2, 2019
7.	Adrian ARC	Adrian	Sept. 15, 2019

r. **UMARC Sunday Night Net 8pm local time**: if outside of Ann Arbor, sign-on to EchoLink using Android, i-Phone, or computer



iPhone screenshot

Download the FREE EchoLink app to connect to the W8UM repeater.

1. Download the app
2. Call-sign verification may take several days
3. Then 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

6. Attendance (January, 2019): Attendance 25 Students: 3 Alumni: 8 Faculty/Staff: 9 Non-UM: 5

7. Open Discussions / Comments / Audience Announcements:

8. Monthly Presentation: Described Above.

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W8UM ARC President or Designee

W8UM: University of Michigan ARC



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

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W8UM Meeting Location: Electrical Engineering & Computer Science Building, Room 1200

Address: 1301 Beal Ave.

ZIP: 48109

Parking: Hayward Lot (NC48) & Beal Lot (NC60)

NC 48: Hayward Street Lot FREE after 5 pm weekdays & weekends or anytime with a UM Parking Pass.
Before 5pm, M-F, parking is $1.60 / hour (coin or credit card)
*NOT Barrier Free Access

NC 60: Beal Street Lot FREE after 8 pm weekdays & weekends or anytime with UM Parking Pass.
*** Not a Pay Lot ***
*** **Barrier Free Access** along the east side of EECS Bldg.

