W8UM: University of Michigan ARC

W8UM ARC Student Officers; 2019 - 2020

President:	Kit Ng	N9KIT
V-President:	Reid DesErmia	K8QP
Secretary:	Joshua Burg	KD9LRC
Repeaters:	Stuart Carlson	W8SRC
Website:	**Vacant**	
Social Media:	**Vacant**	

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

W8UM Meeting Dates

September 08, 2019	Student Open House: W8UM
September 20, 2019	**EECS Room 1303**
October 17, 2019	EECS Room 1303
November 21, 2019	EECS Room 1303
December 19, 2019	**No Scheduled Mtg., Exam Week**
January 16, 2020	EECS Room XXXX
February 20, 2020	EECS Room XXXX (Solicit Nominees)
March 19, 2020	EECS Room XXXX (Club Elections)
April 16, 2020	**No Scheduled Mtg., Exam Week**
May – August	Summer Break – No Mtgs.

W8UM Club Events & Dates

Northfest	Monday, September 2, 2019 (Pierpont; 11-2pm)
Festifall	Friday, September 6, 2019 (Central; 2-6 pm)
ECE Open House	Monday, September 23, 2019 (5-7:30 pm)
KB6NU 1-Day Class	Saturday, September 28, 2019 Room 1303 EECS
ARRL School Club	Week of October 21-25, 2019
ARRL CW Sweeps	November 2-4, 2019
ARRL Phone Sweeps	November 16-18, 2019
KB6NU 1-Day Class	Saturday, February XX, 2020 (XXXX EECS)
NA QSO Party (CW)	January 12-13, 2020. 2nd Full wknd in January
NA QSO Party (SSB)	January 19-20, 2020. 3rd **Full** wknd in January
Winter Field Day	Last Weekend in January 25-26, 2020
ARRL School Club	Week of Feb 11-15, 2020
Mi QSO Party	April 18, 2020
Ann Arbor City Mar.	May 20, 2020
ARRL Field Day	Saturday, June 29-30, 2020
One Helluva Ride	Saturday, July 14, 2020

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 Meeting Agenda for **Friday**, **September 20, 2019**

Time / Location: 6:00 pm. **Room 1303 EECS Bldg**., 1301 Beal Ave.

Meetings Are Always Open to All Interested

Presenter: TBD
Title:

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

Treasurer's Report:

Balance (03/15/2019):	$	4198.51
Revenues (equip. sales):	$	539.00
Donations (on-line/cash):	$	220.00
Expenses: (Item 5a,3)	$	253.50
Balance (09/15/2019):	$	4797.76

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 Broken Coax)
EECS Storage:	3-Element SteppIR, Circ Polarized 2M & 70cm yagi
Tower Cam:	EECS Tower Cam: **operational**
Trailer Tower:	available for use w/ 3-L SteppIR & Rotor
Weiser Hall:	145.23 repeater w/ EchoLink operational. 900 MHZ off-air
Mich. Union Satellite:	Tower removed August, 2018
Contacts:	QSO's (Mar-Aug): 2960
	QSO's (2019) 3397 (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. Volunteers wanted for positions at W8UM: 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?

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5. New Business:
   a. Donation(s):
      1. Generous Monetary Contributions / Financial Support Received:
         a. Mitch Kuch
         b. Larry Rogers
         c. Steve Sostrom
         d. Ulrich Raschke
         e. Carl DeLage
         f. Roger Wible
         g. John Palmisano

      2. Equipment Donations Received:

a.	Bill & Helen Becher	QST magazines
b.	Fred Becchetti	Collins & Heathkit Radios
c.	I. Marshall Stern	Kenwood & Heathkit Radios
d.	Ralph Katz	Kenwood & Heathkit Test Equipment
e.	Janice & (Mikey) Staggs	CB radios & antennas (x5)
f.	Ovide Pomerleau	40' Military mast & carrying case
g.	Richard Bird	Heathkit & Clegg transceivers, Eico test equipment
h.	Steve Culp	Satellite Guide Book
i.	Kaz Soong	Mosley Triband Yagi (10-20M)

Donated Items include:

HeathKit SB-629	HeathKit SB-630	Kenwood SP-520 Spkr.
Collins KWM-2	HeathKit SB-634	Eico voltmeter
Collins KWM-2A (x2)	Clegg 6M Transceiver	Eico Tube tester
Heathkit Electronic Keyer	Heathkit Oscilloscope	CB Radios (x5)
Heathkit Station Monitor SB-614		Heathkit Pwr. Supply
40' Mast	Kenwood Desk Mic MC-50	Heathkit SB-100 (x2)
Kenwood TS-520 Trasnceiver	Heathkit SB-200	
Swan WM-3000 watt meter	Kenwood Remote VFO; model VFO-520	
Heathkit Dip meter w/ coils	Eico Model 322 Signal Generator	
Eico voltmeter	Heathkit 2M transceiver "The Twofer"	
Mosley triband yagi	Collins crystals & tubes	

      3. Club Purchases / Expenses: ($253.50)

a.	Pizza / Beverages:	($162.00)
b.	Tubes for Collins/Heathkit transceivers:	($84.00)
c.	Shelving	(7.50)

   b. **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/

   c. **Rane Curl**, N8REG (SK); Prof. Emeritus Chemical Engineering

   d. W8UM Elected Officers 2019-2020: **Pres. Kit Ng**, VP. Reid DesErmia, Sec. Joshua Burg. Elections held 03/21/2019.
      Bio: https://www.dropbox.com/s/u44vdx15njkp5gl/2019%20Elected%20Officers_%20W8UM.docx?dl=0

   e. W8UM Featured in College of Engineering Newsletter (May, 2019):
      http://eecs.umich.edu/eecs/about/articles/2019/radio-continues-to-connect-the-world.html

f. ARRL 2019 Scholarship Recipient: Michael Fluegeman, KE8AQW, Master's EE UM-D
(Michael is our third club member to receive an ARRL Scholarship).

g. Frequency Sources and Measurements WWV: Kit, N9KIT
https://hamsci.org/wwv-centennial-festival-frequency-measurements

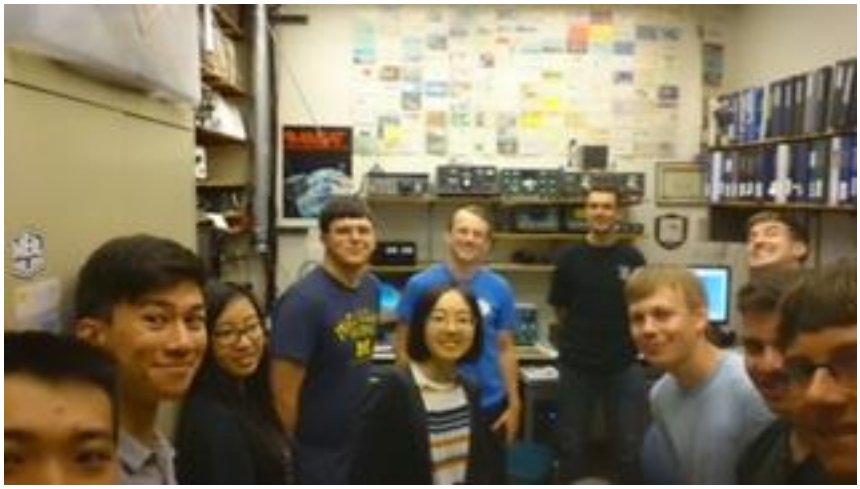
h. QST Magazines: W8UM has issues from 1/1922 – current. Missing years 12/1917 to 12/1921.
If you can locate missing issues, please contact W8UM.

i. Opportunity might exist to place an antenna on the Dean Road tower, North Campus (200').
Any suggestions for an antenna / purpose? John, KB8OIS



j. ARRL Freq. Monitoring Test: Kit, N9KIT

k. Northfest (Labor Day) / Festifall / Sunday Shack Open-House: Remarks. Kit / Josh



W8UM Student Open House:
Photo, Sunday, Sept. 8, 2019

l. CW Training Class Scheduled: Kit, N9KIT

m. KB6NU 1-Day Tech Class: Saturday, Sept. 28, 2019 in EECS. Register with Dan at cwgeek@kb6nu.com

n. International Moon Bounce Weekends (Sept – Nov) / Collaboration w/ ARROW / Space / CLaSP: John, WA8TON

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o. ECE Open House: Monday, Sept. 23, 2019 5-7:30 pm. Club Registration / Volunteers?

p. EECS Tower Cam: repaired.

q. Contest Participation / Results:
   1. RAC Canada Day (Winter): **6th Place overall / 1st Place Section 8 Call**.
      a. Operators: John WA8TON & Don AC8TO.
   2. MI QSO Party Results: **3rd Place Multi/Multi (low pwr)**
      a. Operators: John KB8OIS, Matt W8SU, Don AC8TO, Ulrich AC8PL, Steve K8QKY & Adam W8IFG
   3. 2019 Field Day 4A Results: pending
      a. Operators: Combined W8UM & ARROW (W8RP) Memberships
   4. RAC Canada Day (July) Results: pending
      a. Operators: John WA8TON, Ashley KE8HAN & Don AC8TO. All Canadian Provinces & Territories contacted

r. W8UM History: Telegraph items discovered in the Detroit Observatory: 1936A McElroy Key & 1890 Repeater Both items are on display in the W8UM shack. (on permanent loan from the Bentley Historical Library)

s. W5YI Application: An application to obtain **W8AXZ**, former callsign of the University of Michigan, will be submitted. Michael, KE8AQW

t. ARRL - TAPR (Tucson Amateur Packet Radio) Convention, Detroit Metro Marriot, Sept. 20 – 22, 2019. **Scholarships are available to students to attend**. Contact George Byrkit (K9TRV) at taproffice@tapr.org

u. 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

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

w. Station Tour / Equipment Orientation (Summer):
   1. Tianlin Wang
   2. Ulrich Raschke
   3. Scott Schaffer (UM-D)
   4. Carl DeLage
   5. Ed Oxer (MSU)
   6. Yash Sarkango w/ Camilla
   7. Carter Dyke

x. W8UM Sunday Night Net; Control Ops:

09/01/2019	Stuart Carlson, W8SRC
09/08/2019	Don Winsor, AC8TO
09/15/2019	Dan Romanchik, KB8NU

y. Local Club Announcements:
   1. Livonia (K8UNS): Edmund Fitzgerald S. E. from Dossin Museum on Belle Isle 11/02/2019. Info at W8F on QRZ.com
   2. MSU (W8SH): Discussions b/n UM/MSU to encourage student involvement in amateur radio / club activities

z. Local Hamfest Schedule:

1.	Livonia ARC:	Livonia	Feb. XX, 2020
2.	Michigan Crossroads	Kalamazoo	Mar. XX, 2020
3.	Perrysburg, OH.	Owen Comm. College	Mar. XX, 2020
4.	GMARC Tech Expo	Madison Hgts.	April XX, 2020
5.	Dayton Hamvention	Xenia, OH.	May XX, 2020
6.	Chelsea Swap	Chelsea	June XX, 2020
7.	Adrian Hamfest	Adrian	Sept. 15, 2019
8.	USECA Hamfest	Madison Hgts.	Oct. 27, 2019

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



Download the FREE EchoLink app to connect to the W8UM repeater using your i-phone.

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.

iPhone screenshot

6. Attendance (April, 2019): Attendance 26 Students: 6 Alumni: 7 Faculty/Staff: 9 Non-UM: 4

7. Open Discussions / Comments / Audience Announcements:

8. Monthly Presentation: Described Above.

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W8UM ARC President or Designee

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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 1303

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 to EECS

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

