W8UM: University of Michigan ARC

W8UM ARC Student Officers; 2016 - 2017

President:	Kit Ng,	N9KIT
V-President:	Ben Wachs	KK6RAT
Treasurer:	Vacant	
Repeaters:	Stuart Carlson	W8SRC
Website:	Vacant	
Social Media:	Vacant	

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

W8UM Meeting Dates (3rd Thursday) 6:30 pm

September 13, 2016	EECS Room 1311
September 21, 2017	EECS Room 1311
October 19, 2017	EECS Room 1311
November 16, 2017	EECS Room 1311
December 21, 2017	No Scheduled Mtg., Exam Week
January 18, 2018	**EECS Room 1311**
February 15, 2018	EECS Room 1311 **(solicit nominees)**
March 15, 2018	EECS Room 1311 **(Club Elections)**
April 19, 2018	No Scheduled Mtg., Exam Week
May – August	Summer Break – No Mtgs.

Club Events & Dates

Northfest	September 4, 2017 (11a-2pm)
Festifall	September Sept 8, 2017 (2-6 pm)
KB6NU 1-day Tech Class	Saturday, Sept. 30, 2017 (Room 1200 EECS)
EECS Family Night:	Friday, October
ARRL School Club Round-Up	Week of October 16-20, 2017
ARRL Phone Sweeps	October 28-29, 2017
KB6NU 1-day Tech Class	**Saturday, January 27, 2018 (EECS Room 1311)**
ARRL School Club Round-Up:	Week of Feb 13-17, 2018
Ann Arbor City Marathon	April 19, 2018
Mi QSO Party	April 28, 2018
ARRL Field Day	Saturday, June 23-24, 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, January 18, 2018**
Time / Location: 6:30 pm. Room 1311 of the EECS Bldg., 1301 Beal Ave.

Presenter: Joel Thurtell, K8PSV
Title: Zenith's One-of-A-Kind 100-R: Trophy Collectible or Revolutionary Ham Receiver?
Bio: Joel was licensed as an amateur radio operator in 1959 when he was 14. His paper route earnings wouldn't pay for new gear, but he could afford to buy old radios. Today, he prefers operating boat anchors. He was a history major at Kalamazoo College and the University of Michigan. He co-authored the lead article in the Spring 2018 issue of the Journal of Interdisciplinary History published by MIT Press. He was a Peace Corps volunteer in Togo, West Africa, where he was 5V7JT. As "The Radiofinder," he bought and sold classic radios. He was a newspaper reporter for the South Bend Tribune, The (Berrien Springs) Journal Era, and the Detroit Free Press. He teaches investigative reporting at Wayne State University. He wrote a book, UP THE ROUGE!, published by Wayne State University Press. His articles about ham radio have appeared in ELECTRIC RADIO, QST, and CQ. He is the author of MOUSE CODE, a children's book about amateur radio.

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

Treasurer's Report:

Balance (01/15/2018):	$ 4558.39
Revenues:	$ 80.00
Donations (cash):	$ 250.00
Expenses:	$ 725.24
Balance (01/15/2018):	$ 4163.15

Station Manager's Report:

EECS:	
Radio's:	TS590/FT1000D/IC910/IC746/APRS/FT8800
Antenna's:	80M, G5RV, Satellite, SteppIR, Vert, Discone
Weiser Hall:	145.23 operational. 900 MHZ off-air
Contacts:	QSO's (Dec): 86
	QSO's (2017): 3070

Prior Business / News:

a. ARRL Test Sessions; 2nd Saturday of each month at the Washtenaw County Red Cross Bldg. Contact ARROW Comm.
b. Michigan Union Tower removal to take place during Spring 2018 due to Union roof maintenance. (Moving & Trucking; Doug or John M, 647-3319)
c. W8UM SDR Setup: in-progress
d. 2017-2018 Yearly Membership:
   Free for all enrolled students and individuals without an amateur radio license
   Free for past/current W8UM Officers, Advisors, & Donors
   Donations Accepted ($20 / yr.) for all (non-students) individuals with an amateur radio call sign; (August 2017 – July 2018)
   Cash / Check & Credit Cards accepted: http://umarc.eecs.umich.edu/index.php/support-your-favorite-u-m-student-club/pay-dues-online/
e. Volunteer for positions: Treasurer, Website, Social Media, Emer. Communications
f. Roof-Cam: removed from service 11/9/2017, repaired and waiting re-connection
g. Anti-Static Bags / safety glasses available (small donation welcomed)

4. New Business:
   a. SK: **Clay Mitchell** (W8JNZ) & **Dean DeGalan** (KD8VXR)
   b. Donations:
      1. Generous Monetary Donations Received from: Ivan & Linda Nordstrand, Amir Mortazawi, & Janice Arcuri-Otis
      2. W8ERN Tower (Angelo Diamontoni) & 3-element SteppIR Antenna Donation received 12/2017.
         Thanks to Robert Howe, Robert Dascola, Matt Undy & John Palmisano for the pick-up

c. Club Purchases:
   1. Rig Expert AA-600 Antenna Analyzer (12/2017)
   2. IMAX Battery Charger (12/2017)
   3. Ham Radio Deluxe v 6.4 (12/31/2017)

d. Hallicrafters SX-28A restoration project COMPLETED; Demonstration scheduled for the March 15, club meeting.

e. W8UM 145.23 repeater: OPERATIONAL as of 12/27/2017. Thanks to Dan (W2PUT), Dan (N8DJP) & Rick (xxxxx)

f. EECS Roof changes: addition of cellular towers along the perimeter

g. Repairs: IC-910 power supply switch replaced & TS-590 coax to switch box replaced

h. 2017 W8UM / ARROW Field Day Results: Score: 7,658 (6940 in 2016)
   QSOs: 2,000 (1654 in 2016)
   Participants: 75 (40 in 2016)

   #1 in Michigan section in the 3A* category (#1 in 2016 also)
   #3 in Michigan section overall (#3 in 2016. In 2017, we lost to #1 K8UO by just 212 points who were running 9A!!!)
   #4 in Great Lakes Division in the 3A category. (#1 in 2016. In 2017, 1st place was just 712 points more than us.)
   #12 in Great Lakes Division Overall. (#11 in 2016)
   #25 in Category 3A. (#14 in 2016)
   #102 in Overall. (#107 in 2016)

i. Sunday Night Net; Control Ops:

11/19/2017	Ed Vielmenti, W8EMV	12/24/2017	Dan Romanchik, KB6NU
12/03/2017	Ed Vielmenti, W8EMV	12/30/2017	NONE
12/10/2017	Matt Undy, WS8U	01/07/2018	Matt Undy, W8SU
12/17/2017	Matt Undy, W8SU	01/14/2017	

j. Station Tour / Equipment Orientation (Nov-Dec): Robert Dascola

k. KB6NU 1-Day Tech Class: January 27, 2018, 1311 EECS

l. Livonia Swap: Sunday, February 18, 2018. (8-12 noon)

5. Attendance (December 2017): 32 Students: 4 Alumni: 13 Faculty/Staff: 11 Non-UM: 4

6. Open Discussions / Comments / Announcements:

7. Monthly Presentation: described above

_____

W8UM ARC President or Designee

Silent Keys:

W8JNZ: Clay Mitchell, 1/13/1923 - 12/8/2017

Reston, Virginia Claybourne (Clay) Mitchell, Jr., physicist, inventor, and avid amateur radio operator, died December 8, 2017, in Reston, VA from Alzheimer's disease. He was 94 years old and formerly a longtime resident of Ann Arbor, MI. Born in Chicago, IL, Clay was the son of Ethel and Claybourne Mitchell, Sr. He attended Flint Central High School, Flint Junior College, and the University of Michigan, where he received a BS in Physics in 1950 and MS in Physics in 1959. During the Second World War, he served as a Master Sergeant in the Army Air Force, Engineering Aviation Battalion, Pacific Theatre (1943-1946). Before retirement, Clay was employed at Bendix Aerospace Systems Division, Udylite Corporation, Controlled Power Corporation, Elcoat Systems (PPG Industries), and Detroit Edison (now DTE Energy), where he retired in 1988 as Vice President, Planning, Research, and Environmental Protection. He was active for several years in the Optical Society of America and the Engineering Society of Detroit. He also served on several advisory committees, including for the Argonne National Laboratory, the Electric Power Research Institute, Michigan Technological University, and the University of Michigan. He was a member of the Board of Trustees for the Detroit Science Center and the Michigan Energy and Resource Research Association. He also held several

physics-related patents. In retirement, Clay enjoyed world travel, cycling, creative writing, fellowship with the Ann Arbor Friends, and supporting amateur radio licensing. He was preceded in death by his wife Isabella Ophelia Mitchell (2003) and is survived by his daughter Faith (Archie Brown), granddaughter Alexis Brown, and other relatives. A memorial service will be held January 13, 2018 in Northern Virginia. Northern Virginia Burial & Cremation Society, Alexandria, VA. http://www.novacremate.com/

Published in Ann Arbor News on Dec. 17, 2017

KD8VXR: Dean Vincent DeGalan age 66 of Dexter, MI passed away on Wednesday, December 13, 2017 at St. Joseph Mercy Hospital. Per his wishes, cremation has taken place. No services planned at this time. Hosmer-Muehlig Funeral Chapel. Dean's wishes were to have no service or formal obituary, but his public profile from the most recent W8UM interest survey:

1. Dean DeGalan
2. KD8VXR
3. Retired electrical & computer engineer
4. BSEE & MSECE
5. My HAM learning interests are mostly set on experimental applications with a focus on antenna design, amplifier design, and SDR

Published in Ann Arbor News on Dec. 17, 2017



Central Electronics 100-R; Joel Thurtell, K8PSV

W8UM: University of Michigan ARC



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

W8UM: University of Michigan ARC

W8UM Meeting Location: Electrical Engineering & Computer Science Building, Room 1311

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.

