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 21, 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, January 21, 2021**

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: Stan Briggs, K8SB
Topic: Transmitter Hunting

Stan is a consultant in technical training in automotive instrumentation and testing. First licensed in 1953 as WN8MPD and W8MPD (One could hold both a Novice and Technician at the same time in those days). While attending Western Michigan University, Stan was active in the Kalamazoo Amateur Radio Club and later the Motor City Radio Club after obtaining his degree in Physics. While teaching Electronics at Henry Ford Community College, Stan became the trustee of the college club station, K8EEH, until his retirement in 1999 and the license trustee of the WY8DOT 2-meter repeater in Wyandotte until 2018.

Stan has held ARRL leadership positions as EC for Wayne County, Michigan SEC and as a Section Communications Manager. Stan operates on all bands, participates regulary on the Michigan QMN CW Net and has participated in 67 Field Day events. Both his wife and son hold amateur radio licenses.

Stan's interest in radio direction finding began with the Kalamazoo Amateur Radio Club and continues to this day with the Motor City Radio Club's fox hunts. His skills have been extremely beneficial to track down actual locations of RF interference over the years.

---

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

Treasurer's Report:

Balance (11/15/2020):	$	5583.49
Revenues (equip. sales):	$	0.00
Donations (Item 5a):	$	504.00
Expenses: (Item 5b):	$	0.00
Balance (01/13/2021):	$	6087.49

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)

University of Michigan Amateur Radio Club: W8UM & W8AXZ

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. W8UM / W8AXZ Contributions / Expenses / Donations:
   a. Generous Monetary Contributions / Financial Support Received:
      1. Mitch Kuch
      2. Don Winsor
      3. David Turner
      4. Jan Arcuri-Otis (in memory of her father, Russ)
      5. Amir Mortazawi

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

   c. Equipment Donors:
      1. Dale Domke, WB8MSG

   d. Donated Equipment / Radios Received:
      1. Haliscrafters SX-99
      2. Viking TR
      3. Assorted Vacumn Tubes

6. **Support W8UM / W8AXZ 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, KE8AQW, is a recent recipient of this ARRL Scholarship.

8. **Covid-19: Student Organizations Rules for In-Person Events / W8UM Shack.** **UPDATE for 2021 Winter Semester**
   The following safety measures apply for all in-person gatherings, activities, events, programs, practices, rehearsals, competitions, and/or meetings hosted by recognized student organizations (RSOs).

   - Any in-person activities/gatherings/meetings/rehearsals/practices/competitions/etc planned for the duration of the MDHHS Order must be shifted to a virtual setting.
   - **For the duration of the MDHHS Order, no in-person student organization activities/gatherings/events/programs/practices/competitions/rehearsals/etc are permitted.**

9. **Dayton Hamvention: Event is Cancelled for 2021**

10. **W8UM Items For Sale:**

a. Capacitors & Coils. Submit your offer(s) for any of the items listed below to: W8UMBoard@umich.edu






b. Dentron Jr. Antenna Match, 300W (untested). Submit your offer to: W8UMBoard@umich.edu







c. 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

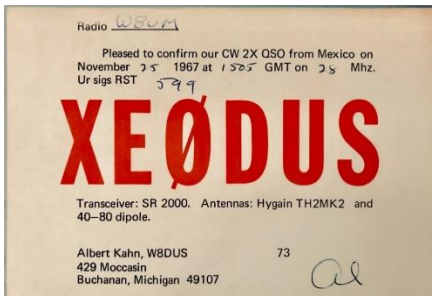

Right Rear Radio

University of Michigan Amateur Radio Club: W8UM & W8AXZ

11. **Any Volunteers**: Interested in presenting a topic to the W8UM Membership?

12. **ICOM-7300:** For those with IC-7300, you may find the https://G3NRW.net/IC-7300/ resource page beneficial.

13. **W8UM History Project**: Brief story about Albert Kahn, XE0DUS, his companies and his association with the Univ. of Michigan. Albert Kahn.pdf


Radio W8UM

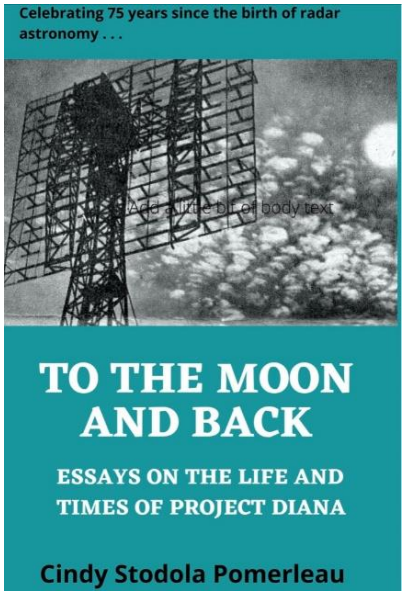
Pleased to confirm our CW 2X QSO from Mexico on November 25 1967 at 1525 GMT on 28 Mhz. Ur sigs RST 599

XEØDUS

Transceiver: SR 2000. Antennas: Hygain TH2MK2 and 40–80 dipole.

Albert Kahn, W8DUS 73
429 Moccasin
Buchanan, Michigan 49107

14. **Project Diana; 75 Years Since the Birth of Radar Astronomy**: The author Cynthia Stodola Pomerleau and her husband are UMARC Members. The book, **To The Moon & Back, is available on Amazon**.



Description: On January 10, 1946, the US Army successfully bounced radar waves off the moon - the opening salvo in the Space Race, the birth of radioastronomy, and the first Earth-Moon-Earth (EME) communication. The author was just shy of three years old at the time, and her father, E. King Stodola, was scientific director of the team that carried out the experiment, code-named Project Diana.

To mark the 75th anniversary of this historic event, Cindy Stodola Pomerleau has written a series of essays using Project Diana as a lens for examining the transformations and dislocations occurring in the US during World War II and its aftermath. Steeped in good humor and nostalgia, these wide-ranging narratives explore Project Diana's historical, sociological, political, and scientific context, as seen from the perspective of the tiny coastal New Jersey community where fate in the form of Camp Evans deposited her parents and their neighbors.

15. **QRZ.com:** W8UM QRZ.com page has been updated with new content.

16. **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.

17. **W8UM Sunday Night Net; Control Ops:**

01/03/2021	Matt Undy, WS8U	11/29/2020	Dan Romanchik, KB6NU
01/10/2021	Pat Seitzer, WA4DSR	12/06/2020	Pat Seitzer, WA4DSR
01/17/2021	Pat Seitzer, WA4DSR	12/13/2020	Pat Seitzer, WA4DSR
01/24/2021		12/20/2020	Matt Undy, WS8U

18. **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

19. **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.

20. **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.

21. Attendance (November, 2020 Zoom Meeting): Attendance: 7 Students: 3 Alumni: Faculty/Staff: Non-UM:

22. Open Discussions / Comments / Audience Announcements:

23. Monthly Presentation: Described Above.

_____

W8UM ARC President or Designee



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.

ZIP: 48109



Virtual Meetings until further notice due to COVID-19 campus restrictions

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 Street: 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.