

NMRA Clinician Bios

(Also see NMRA Clinic Description List)

Note: Each NMRA clinic has a discreet number assigned to it which will be used along with the clinic title throughout the convention. The RPM clinicians and clinics are found elsewhere.

Presenter: Gerry Albers: Gerry lives in Cincinnati and is a member of MCR Division 7. His "Deepwater District" models the Virginian Railway and portions of the C&O, V&O, and NYC, all in southern West Virginia. Over his lifetime he has been a fighter pilot, a university professor, an industrial manager, a business owner, father, and grandfather - just about everything except a politician - and he says that was never an option. He loves promoting the hobby, by engaging young people, and by giving clinics.

53: Things I Wish I'd Known About DCC [Wed: 6:30P] [Thu: 1:00P]

1: Giving Your Model Railroad Meaning and Purpose [Thu: 4:00P] [Fri: 10:30A]

2: Building the Deepwater District [Fri: 9:15P] [Sat: 2:30P]

Presenter: Andrew W. Blenko: Andy has been a fan of railroads from an early age, the result of a family vacation to California by passenger rail at the age of ten. He began building his current HO-scale layout, Pittsburgh Mainline, with his son Charlie, in 2006. He is a retired civil engineer and lives in Irwin, Pennsylvania, a suburb of Pittsburgh.

15: Modeling Prototype Highways/Railroad Underpasses [Wed: 2:30P] [Fri: 9:00A]

37: Streetscapes [Fri: 9:15P] [Sat: 2:30P]

3: Concept for an HO Conrail Layout Serving Pittsburgh Industries [Thu: 10:30A] [Fri: 2:30P]

Presenter: Michael L Bradley: Michael has been a model railroader in HO for 53 years and has built 4 layouts with the current one set in the 1950's to 1970's era so all the cars and trucks and rolling stock is period correct. He started kit bashing with Silver Streak, Laconia and Quality Craft kits in the 70's.

Michael always had a fascination with railroad MofW trucks because in this era there were no cookie cutter designs every railroad had their own idea on how it should look and each was painted in the company colors unlike today where everything is WHITE! He has done over 250 builds and counting. Everything from pickups to boom trucks.

Michael has belonged to the NMRA for 25 years and has been the Treasurer for Division 1, MCR for 8 years. He has been married 34 years and has 3 sons, and has been an Independent Insurance Agent for 45 years and has an Insurance Agency in Ravenna, OH.

16: Railroad MofW vehicles 1950s – 1970s [Wed: 2:30P] [Sat: 10:30A]

Presenter: John Burchnell: "John is a retired Professional Engineer and Research Fellow at Procter & Gamble, and founding member of the Eastern Loggers modeling group. He is a lifetime model railroader and railroad and technology enthusiast, and is very active in the NMRA and Cincinnati Division 7. He's an accomplished author, photographer, innovator and speaker with many publication and clinic credits."

4: A Two Part Clinic: Using Timelines to Select Eras and Focus Your Modeling

(Part 1): Rail Eras & Regulations, Rolling Stock Innovations, Steam Locomotives, Automobiles, Gas Stations & Oil Co's, Highway Signs & Pavement Markings

[Thu: 9:00A] [Thu: 8:00P]

(Part 2): Maps & Mergers, Diesel & Electric Locos, Farm Tractors & Silos, Fast Food, Ice Cream, Grocery Stores, Soda Bottles, Trading Stamps, Retail Stores

[Thu: 10:30A] [Thu: 9:15P]

Presenter: Phillip Burnside: His friends call him the mad scientist because if he sees something he likes, he will design and build a model of it. Phillip has been an avid model railroad since he and his father started building models together some 45 years ago. He and his father were active members in the Baltimore Society of Model Engineers throughout the 1980's. Phillip has lived in Avon, IN for sixteen years. He is modeling the present-day steel industry located in Pittsburgh, PA. To build many of the unique scenes he has been using his mechanical engineering knowledge to design and build most of his steel mill on the layout using 3D printing. In addition, he also serves on the Board of Directors for the NMRA Steel Mill Models Special Interest Group. Phillip has received several awards for his 3D printed models including the Dean Freytag award for the most unique industrial building at the 2016 NMRA national convention. This was an animated model of the 1920's blowing engine house for the Edgar Thompson Steel Mill. Phillip retired from the US Navy August 1st, 2020 after 30 years of service that included a tour on the ground in Iraq.

17: Building the Edgar Thomson Blast Furnace Lift House [Thu: 6:30P] [Sat: 1:00P]

57: Basics of building a 3D CAD [Fri: 8:00P] [Sat: 6:30P]

Presenter: Dave Capron MMR@: - Dave is a career teacher at the high school and college level enjoying science in the class rooms and labs. He has published many articles in RMC Craftsman Workshop and enjoys presenting clinics at Division, Regional and National Conventions. After serving as Division Superintendent and NCR Vice-President Dave now is serving as the NCR President. He invites you to come and enjoy with him the fun of model railroading.

18: Constructing Craftsman Kits (2 hours) [Thu: 9:00A] [Sat: 6:30P]

38: Full and Complete Operations on a Room [Wed: 6:30P] [Fri: 9:15P]

19: Making and Modeling with Rocks [Wed: 8:00P] [Fri: 4:00P]

20: Making, and Modeling Real Coal Loads [Wed: 9:15P] [Fri: 10:30A]

Presenter: Ken Chick MMR@: - Ken has a 35' x 50' N-Scale point to point freelanced railroad that he and his crew operate on a regular basis. He is a member of the Midnight Pocatello Yardmasters Club. He also serves as the NMRA NCR Achievement Program Assistant for Skip Luyk for Div. 6, 8 and 10. Ken has been published in a number of model railroad magazines most recently in Great Model Railroads.

5: Aluminum Backdrops and Valances [Thu: 2:30P] [Sat: 9:00A]

Presenter: Keith DeVault: is a member of the B & O Railroad Historical Society as well as a member of the Mon Valley Railroad Historical Society, and the Monongalia County Historical Society. He has presented B & O history to national and regional conventions, along with other venues for the past 30 years.

48: The B&O's West End [Wed: 9:00A] [Fri: 4:00P]

70: Upcoming Mid Central Region Convention Presentation [Sat: 4:00P]

Presenter: Mike Deverell: has been a model railroader for over 45 years, and has built 14 layouts in that time, the last 20 years building larger layouts. He acquired his first laser cutter in 2017 and built one a year later. Mike has a YouTube channel for his last two layouts called Colorado Front Range Railroad. The number one question he gets is about the laser.

58: A laser for your model railroad [Wed: 10:30A] [Sat: 9:00A]

Presenter: John Doehring: is crazy about trains, the history of trains, and all things model railroading. He was born and raised on the Texas Gulf Coast, mesmerized early by the long rumbling freights of the MKT, Cotton, Belt, and Southern Pacific. Today he is interested primarily in the transition-era operations of eastern anthracite coal country in PA, NJ, and NY, and in the harbor connections in and around New York City. John is an N Scale modular modeler working with NTRAK, T-TRAK, and Freemo-N standards – and with plans for an N Scale home layout as well. Lately he's developed a secret side interest in On30 – with a focus on narrow gauge operations in Southwestern Colorado. John also enjoys the challenge, engagement, and comradery of operations, and he's a member of both OPSiG and LDSig.

John has been an active member and volunteer in the NMRA for a dozen years, and has served as the Northeastern Region's newsletter editor, as a board director in both the region and his local division, and for six years as President of the NER. John is also active in the NMRA's Achievement Program, with two certificates (Volunteer and Official) completed, and two others (Author and Chief Dispatcher) submitted. He's working now on a new Freemo-N module set with two additional certificates (Civil and Electrical Engineering) in view.

Professionally, John is an independent certified management consultant. He works primarily with design and technical professionals and their firms to plan and grow business, improve operations, and develop next generation leaders. John is also a professional speaker with extensive experience in convention, conference, and seminar development and delivery. He is the author of *Fast Future! Ten Uber-Trends Changing Everything in Business and Our World*, and is currently working on a new book project focused on leadership development in the professional services firm.

John summarizes his belief in model railroading this way: *“we come together to share our love for trains – and stay together to share our love for one another.”*

6: The Lehigh and Hudson River Railway: A Perfectly Proper 'Protolance-able' Pike! [W: 9:00A]

64: A Ten-Point Manifesto for Building a Powerful, New, 21st Century NMRA [Fri: 2:30P]

Presenter: Bob Frankrone: has been a model railroader and a member of the NMRA for 35 years. His model railroad, The Louisville Southern Line, has been featured in a couple of model railroad publications and continues to be a work in progress. Bob is the author of the series “Love Those Loads” appearing each month in the *NMRA Magazine*. He has presented countless clinics over the years at both regional and national NMRA conventions. Bob lives in Louisville, Kentucky and is a member of Division Eight of the Mid Central Region, NMRA.

21: Love Those Loads [Fri: 10:30A] [Sat: 6:30P]

Presenter: John Gardiner: is a 25-year-old Ph.D. student at the Pennsylvania State University studying Molecular and Astrobiology. An avid member of the Penn State Model Railroad club, he personally models the Altoona and Beech Creek of 1890s Central Pennsylvania in On30.

22: Modeling Modern Urban Transit Systems [Thu: 2:30P] [Sat: 8:00P]

Presenter: Ted Goodman: Mr. Goodman was the architect for the Age of Steam roundhouse in Sugar Creek Ohio. He is an architect practicing in Columbus, Ohio. He has a special interest in historic and obsolete types of construction and has been a railfan and sporadic model railroader since the '50's and is fortunate to have seen N&W steam in daily service. Ted has also been building architectural models for his son Matt's model railroad.

49: "Age of Steam Roundhouse From Underground to Topping Out" [Fri: 8:00P] [Sat: 4:00P]

Presenter: Lawrence Goodridge: Lawrence was born in Cincinnati, grew up in Havana, Cuba, and returned to receive a BFA, and an MFA at the University of Cincinnati as a painting major. He was a Professor of Art at the Art Academy of Cincinnati 1969 – 1989, specializing in Foundation Studies, Drawing and Color Theory.

Lawrence currently works as Goodridge Design providing design consulting service and custom model layout building since 2010. Specializing in scenery, weathering, water features, backgrounds and skies. Models permanent and lightweight traveling layouts and dioramas in O, HO, and Z scale (Marklin). Strong advocate of portability for outreach and themes including Postwar America, Old West and World War II.

Featured in 3 You Tube videos and in Classic Toy Trains Magazine as clinician and layout builder. (You Tube address: Goodridge Design Trains) Lawrence is a member of NMRA, TCA and QCHR (Queen City Hi Railers, Scenery Chair)

23: The Use of Color in Model Railroad [Thu: 9:00A] [Fri: 4:00P]

Presenter: Dr. Michael Groves: was trained as a physicist in Australia and has worked in the medical field all his life in the USA, first in development, then sales and marketing. Since retirement he has been able to focus more attention on his train layout, but became frustrated with the amount of wiring involved to provide even a small level of lighting. It was this that drove him to use his physics skills to develop a novel way of lighting without wiring using fiber optics. Dwarvin Enterprises Ltd. was formed in April 2018 to commercialize this idea resulting in a family business that involves his wife, children and 3 grandchildren. Michael and Shirley live in central PA.

54: Lighting your scenery without Wiring - a Novel Approach [Wed: 1:00P] [Thu: 10:30A]

7: Designing prototypical lighting for realism [Thu: 6:30P] [Fri: 9:00A]

Presenter: Mike Hauk: Mike is a semi-retired radiologist. He is married, with 3 grown kids, 2 grandkids and 2 dogs. Mike is a life-long model railroader and models the Susquehanna & New York Railroad, a long-defunct PA shortline. His main model railroad interests are operations and model railroading as a multi-media art form. Website: www.snyrr.com.

24: An Introduction to Static Grass: "The Eighth Wonder of the World" [Wed: 9:15P] [Thu: 9:15P]

25: Quick and Dirty Weathering with Oils [Fri: 9:15P] [Sat: 8:00P]

Presenter: Dan Hinel MMR®: has been an active NMRA member for over 29 years living in three different regions and participating in divisional, regional and national events such as three national and several regional conventions featuring

his Rail Xpress Railroad, (RxRR 1.0 Grand Rapids, RxRR 2.0 Atlanta, RxRR 3.0 Indianapolis) The scope of which ranges from open houses, layout tours, operating sessions and clinics discussing “Car Orders” a car forwarding system, layout design and evolution and layout relocation. RxRR is an operating orientated beltline layout that has had over 250 op sessions. See website <http://rxrr.webs.com>

59: Scratch Building an EMD RS-1325 utilizing 3D Resin Printing [Wed: 10:30A] [Thu: 10:30A]

Presenter: Michael Hohn MMR®: Mike has been a model railroader since elementary school. He joined the NMRA in 1989 and has served as an officer in his Division and the Mid Central Region. He is currently chair of the NMRA Education Department. He enjoys modeling the period before 1900, scratchbuilding rolling stock and structures, and working on his local club layout. He's been a Master Model Railroader since 2004.

8: Modeling the Lehigh Valley Railroad in New York and Pennsylvania in 1890 [Wed: 4:00P] [Fri: 9:15P]

26: “Cleanly, Accurately, and Squarely” --Basics of Scratchbuilding Structures and Rolling Stock
[Fri: 1:00P] [Sat: 9:00A]

Presenter: Steve Holtzheimer: was crazy about trains as a child and he received an Atlas train set for Christmas in 1969, thus beginning a lifelong passion for model trains. Despite a career that involved many relocations, sectional layout construction sustained his interest in layout building. An early proto-freelance advocate, the Erie Lackawanna and finally the Akron Canton & Youngstown focused modeling activities. Now retired, Steve is building his version of the Akron switching district, combining an interest in operations, commerce, industry and modeling into the perfect model railroad project.

27: Modeling Akron Canton & Youngstown's Spur 4 - Serving the Rubber Industry [Fri: 6:30P] [Sat: 4:00P]

Presenter: Andy Keeney: has been a model railroader for the majority of his life and is building, with friends, the Nashville Road, a triple deck layout designed for operations. Andy enjoys all aspects of our hobby but operations keeps him active and wanting more. Andy has been Superintendent of the Capital (5) Division, NCR in Lansing, MI for the last several years.

47: Car Cards and Waybills: A three-part presentation: Part 3: Implementation [Wed:4:00P] [Wed: 9:15P]

Presenter: Ron King MMR®: Ron is a well-known modeler from the greater Detroit area. A retired machinist, he has been a Master Model Railroader since 1993 (#198). Ron models the Erie Railroad in western New York in the transition era but does not limit his modeling to just this one railroad, or just to HO scale. He has built award winning models in O-scale and S-scale, for a wide variety of prototype railroads. Ron has also built or assisted in building several the local model railroads of others.

28: Setting the Scene [Thu: 1:00P] [Sat: 9:00A]

Presenter: Norm Logan: Norm has been a model railroader since the 4th grade, when his father brought home a used Fleischmann HO model railroad set for the Christmas tree. His first layout was a ping pong table with a passing siding and two spurs for operations. He now has a home layout in Northville, Michigan. Now in its 20th year of operation, the 25'x 25' HO scale MICHIGAN SOUTHERN RAILWAY is built for operations with a single-track 420' main line running on three levels and is controlled with DCC.

Norm's other love is landscape painting. This love for painting and model railroading put him on the path of painting backdrops for private layouts and museum displays. His first credit in **MODEL RAILROADER** was his backdrop for

Tom Lenzion's DP&M Layout published in the Aug '78 issue as well as the May 2021 **MR** "Eagle River Lines." Since then, Norm has painted over 3,000 linear feet of backdrops for layouts and displays in Michigan and Wisconsin. He finds particular joy in creating landscapes of specific geographic locales and incorporating "troublesome" walls into beautiful backdrops.

Norm was a High School Band and Orchestra teacher for 34 years and continues to be the Artistic Director and Conductor of the Orchard Lake Philharmonic Orchestra as well as playing trombone in the Farmington Community Band. Norm is a member of the NMRA NCR Div6, was Chairman for the NMRA, NCR Regional Convention - NORTH CENTRAL EXPRESS in Northville Michigan, and is currently Secretary of NMRA North Central Region. He has given clinics at divisions, regionals, and national levels in Grand Rapids and Indianapolis.

29: Producing A Museum-Quality Backdrop for Your Layout [Wed: 6:30P] [Sat: 1:00P]

Presenter: Rich Mahaney: Rich Mahaney has been involved with trains and the model railroad hobby ever since he received his first train (an American Flyer S Gauge) around the age of 5. At that time, his Grandfather Lloyd use to take Rich with him down to the train tracks in Grand Rapids, MI to watch trains. Rich is still fascinated by trains and model railroading at age 70.

Rich models the Great Northern Railway (and other connected railroads) in HO, in the 1950's involving perishable operations moving fruit from the US Northwest to the US Midwest and East Coast.

He was hired to present and record more than 10 presentations for the Model Railroad Academy, which were to be used as part of their website's presentations and had many of his clinics recorded by the NMRA for their use, at the annual convention in Kansas City, KS.

39: Creating Traffic for Your Modeled Industries [Wed: 4:00P] [Fri:6:30P]

Presenter: Dave McMullian: Dave has been a model railroader since Santa brought him an American Flyer set at the age of five. He models the railroads of Maine in the Fall of 1950, including the Boston & Maine, Maine Central, and Bangor & Aroostook. Loco power includes late steam and first-generation diesels with SoundTraxx Tsunami decoders. Dave's layout is designed for operations with NCE DCC control and operating signals. He has a particular interest in modeling nautical scenes and operations. Dave live in Waterville, OH, just south of Toledo, and is a member of Division One, the Black Swamp Division of the NMRA North Central Region. He has served as Division Superintendent, Asst. Superintendent, Clerk, and Convention Chairman, as well as North Central Region President, Vice-President, and Director.

30: Super Detailing Techniques for Steam Locomotives [Thu: 9:00A] [Fri: 1:00P]

Presenter: Fritz Milhaupt: Fritz's interest in railroads dates back to childhood trips with his father and brother to visit railroad facilities and museums. As one of the founders of the Operations Road Show project, he has spent the past 25 years modeling the Wabash and the Monon, but is now beginning detailed planning for a model railroad based on part of the Pere Marquette's Chicago Division in the 1940s.

Fritz is an IT automation and data center engineer for Ford Motor Company, and lives in Ann Arbor, Michigan with his wife, Leslie.

40: Railroading in TT&TO Territory [Thu: 4:00P] [Fri: 8:00P]

Presenter: Bill Neale MMR®: is a lifelong model railroader from the Detroit Metropolitan Area. He operates a detailed replica of the Pennsylvania Railroad Panhandle Division as it looked in 1939, with all sound equipped steam engines. Bill is deeply interested in making his models as prototypical as possible, and enjoys operations. He achieved Master Model Railroader status in 2012 (#480). Bill has served at both the regional and national levels of the NMRA organization in various offices. He has also been frequently published in several modeling magazines.

31: Care and Maintenance of a Modern Steam Engine Fleet [Wed: 10:30A] [Thu: 1:00P]

32: Weathering Steam Era Freight Cars [Thu: 8:00P] [Fri: 1:00P]

9: Important Layout Improvements and Upgrades [Fri: 8:00P] [Sat: 1:00P]

Presenter: Eric Peterson: Eric started modeling in HO with his father but changed to O Scale 2 rail in 1971. He retired in 2008 after working in prototype railroad engineering since 1971 and he and Pat moved to Carmel, IN in 2017. He is handicapped at times by his prototype experience knowing how things are supposed to work. Starting his layout by building it in sections has paid off with 6 moves. Eric enjoys layout design, construction and wiring.

55: Model Railroad Wiring Tips and Tricks One Wire at a Time [Wed: 2:30P] [Fri: 9:00A]

Presenters: Brook MMR® and Jay Qualman:

After a career in business, Jay was looking for a challenge in retirement. He found it in model railroading. Fortuitously, skills Brook acquired building finely-crafted 1:12 scale dollhouses were directly applicable to the hobby, and she progressed to receive recognition by the NMRA as Master Model Railroader #665. With the assistance of friend John Bussard, they have been building the 3,000-square-foot Michigan Lines model railroad in the lower level of their home in Milford, Michigan. Travel and seven grandchildren are other diversions.

10: How to Model the Town and Date of Your Choice [Fri: 10:30A]

Presenter: Greg Rich MMR®: - Born, raised and educated in Mt. Clemens, Michigan, Greg had an early interest in railroads and model building; although he didn't discover that he could have the best of both worlds until his mid-20's when he discovered HO scale model railroading. Greg is a past president and 32-year former member of the Gratiot Valley Railroad club. He is a member of NMRA NCR, Division 8; the Clinton River Division and on September 21, 2019, he earned MMR #645. Retired from General Motors in 2006, Greg is now building his dream railroad, the New Baltimore & Fair Haven Rwy; a freelanced railroad set near the Great Lakes in the early to mid-1920's. He enjoys scratch-building and kit bashing as a means to create models that are truly unique.

33: Cars-n-trucks-n-wagons, oh my! [Thu: 4:00P] [Fri: 6:30P]

Presenter: Bill Schoonmaker: - has been in model railroading for about his entire life attracted by the various engineering disciplines surrounding the hobby. His main interest involves the electronics aspects with their ever changing and advancing technologies. Over the years as electronics evolved from using discrete components to today's integrated circuits and microprocessor, He has designed various circuits from simple detection systems and motor drivers to more sophisticated microprocessor-controlled displays. Many of these projects including four control panels (small and large) are present today on various layouts throughout the Bloomington, IN area.

60: Making Professional Quality Control Panels Using Today's Technology [Wed: 8:00P] [Thu: 2:30P]

61: Printed Circuit Boards (PCBs) Made Easy – High Quality, Quick and Low Cost [Thu: 9:15P] [Sat: 10:30A]

Presenter: Neal Schorr: is a retired family physician in Pittsburgh and has been active in model railroading for 50 years. He also enjoys gardening, biking, and photography. His son Steven is an active participant in all aspects of the hobby and has assisted Neal in the construction of their layout.

11: Capturing the Commonwealth [Wed: 10:30A] [Thu: 2:30P]

12: Engineering the Right of Way [Fri: 2:30P] [Sat: 10:30A]

Presenter: Fred Soward MMR®: Fred is a long-time model railroader, starting with an American Flyer train set for his third birthday, moving onto a Lionel train set a few years later, occasionally dabbling in G, N, and TT along the way, and mostly settling in on HO these days. He is a retired US Army officer and a retired Information Technology networking, messaging, and security consultant/instructor/learning program manager.

Fred became a Master Model Railroader in March 2022. He is currently serving as the Indy Junction 2022 Marketing Lead, the Division 8, Mid Central Region Superintendent, and the Mid Central Region Secretary. Fred and his wife Barbara spend their remaining free time planning and building the HO scale Santa Cruz & Felton Railway, a November 1981 "what-if" envisioning of the Santa Cruz Branch in northern California.

65: Keeping your group engaged [Thu: 9:00A] [Fri: 2:30P]

69: Modeling with the Masters® [Fri: 6:00P to 10:00P] [Sat: 8:00A to 12:00P]

Presenter: Ron St. Laurent: has always had an interest in model railroading but has never had a layout of his own. Having moved all around the country with General Motors for many years, he concentrated on working on other's model railroads. Ron has a published construction article in Model Railroader and is currently the treasurer of the Lansing Model Railroad Club, paymaster of the NMRA NCR Division 5, and member of the work crew on Andy Keeney's Nashville Road.

46: Car Cards and Waybills: A three-part presentation: Part 2: Creation [Wed: 2:30P] [Wed: 8:00P]

Presenter: Sam Swanson MMR®: is a member of the MCR's Cincinnati Division. He models the railroads of Maine in the 1930s with the HOn30 Great Lakes modular group, and at home has a couple of small Appalachian 1930s era layouts in HO/HOn3 and On30. Besides model railroading, reading and home improvement projects fill hobby time between football seasons.

69: Modeling with the Masters® [Fri: 6:00P to 10:00P] [Sat: 8:00A to 12:00P]

Presenter: Richard Turton: is a recently retired professor of Chemical Engineering from West Virginia University. He has been modeling the WM railroad for the past 20 years and his most recent layout concentrates of the Chiefton, WV area. He lives in Morgantown with his wife Becky.

34: Signature Structures for Chiefton, WV [Thu: 6:30P] [Fri: 1:00P]

Presenter: David Vaughn: David Vaughn is an active O Scale Two Rail (OS2R) modeler. He has modeled in scales other than 1:48, but none has the special satisfaction and enjoyment of O Scale.

David serves as President of the O Scale Kings, a scale-wide organization promoting OS2R. He chaired the successful 2018 Scale O National Convention held in Rockville, Maryland. Prior to that, David co-chaired three Indianapolis O Scale

Shows. He served previously as a member of the OSK Board of Directors and as an Advisor. In 2020, David was elected to the O Scale Hall of Fame.

David served as National Director of the Nickel Plate Road Historical and Technical Society and remains on its Board of Directors. He is a dedicated Nickel Plate modeler and historian. He has participated in a series of O Scale projects, including brass model importation, craftsman kit manufacture, parts and decals. David's current project is a kit, available in O Scale, for John Armstrong's model based on the painting Nighthawks.

David has preserved and restored parts of three historic OS2R layouts, including John Armstrong's Canandaigua Southern, and has integrated them into a single 18'x90' track plan. The layout was featured in Great Model Railroads 2016. The layout mixes Nickel Plate and Canandaigua Southern equipment and operations.

David is a Member of the NMRA and a part of the Washington-Baltimore O Scale round robin group.

David and his Wife Catherine own a full-size former Nickel Plate Road passenger car, the 5 bedroom/buffet/lounge City of Chicago, which is presently being restored for service.

David works as an arbitrator and mediator in labor and employment disputes, including work in the railroad industry. Before Law School at the University of Michigan, David served in the Navy as a ship's superintendent overseeing guided missile frigate overhauls, and a weapons officer on a destroyer. He is a Vietnam veteran.

David and his Wife reside in Clarksville, Maryland.

50: John Armstrong, Wit and Wisdom [Thu: 1:00P] [Fri: 9:00A]

35: O Scale: A Fresh Look [Wed: 1:00P] [Wed: 9:15P]

Presenter: Scott Walton: Scott retired in 2019 after 50 years in the computer business (application programming, database administration, performance tuning and training). His railroad (HO scale) is based on the Pennsylvania Railroad as it was somewhere in western Pennsylvania in the late 40's. Scenery is in place on about 60% of the railroad, but all the signals are in place, even though many are still temporary signals (that work). The railroad loops around the 18 by 30 foot basement, with a double track loop around the walls and a peninsula yard in the middle. Scott has his Electrical certificate and is actively working on Author, Civil, and Dispatcher certificates.

62: Signaling with LCC [Wed: 9:00A] [Sat: 2:30P]

63: An Introduction to Signaling over LocoNet [Thu: 6:30P] [Sat: 1:00P]

Presenter: Bob Weinheimer MMR®: Joined the NMRA in 1980 in Louisville, KY. Subsequent relocations took him to suburban Philadelphia then to Charleston, WV. In both locations the local NMRA Division was inactive but by 2003 the Mid Central Region reactivated the Division serving Charleston as well as much of West Virginia and nearby parts of Kentucky and Ohio. Bob has served as Assistant Superintendent and Superintendent of his Division and chaired a Region convention in 2010. He has also served the Mid Central Region as Secretary, Vice President, and President. He earned his MMR® in 2007.

Bob's modeling interests are in operations. His layout is freelance and has survived two moves. He has presented a number of clinics describing operations on the layout at regional and national conventions.

Bob earned his PhD in chemical engineering at Carnegie Mellon University and worked in industrial research until his retirement.

41: Getting Started in Operations [Wed: 6:30P]

42: Operations on the Pennsylvania Southern [Wed: 8:00P]

43: Evolution of an Operating Scheme [Wed: 9:15P]

69: Modeling with the Masters® [Fri: 6:00P to 10:00P] [Sat: 8:00A to 12:00P]

Presenter: Mike Wolf, MMR®: has played with trains since he was a little kid (including building his first HO layout before he could drive). After retiring from the US Air Force and moving to Columbus OH in 2008, Mike joined the NMRA. While he enjoyed many of the different aspects of the hobby, operations and electronics are his favorites. Mike became MMR #640 in 2019 and currently serve as an officer in Division 6 of the MCR Division.

36: Super detailing a steam locomotive [Wed: 8:00P] [Thu: 4:00P]

56: Road To MMR® [Fri: 6:30P]

Part 1 Presenter: John Young: is a 40-year model railroader with experiences in creating layouts with five different modular model railroad groups and clubs. He is one of the co-creators of the modular Operations Road Show layout created to realize the vision of Bill Jewett (late coordinator of the OP SIG) to provide a layout to teach Time Table and Train Order style operations. That project has spanned 25 years and has provided a model railroad operations experience to well over 700 NMRA members through the eight national conventions the layout has been presented at. The traveling part of the Road Show layout life is now complete, but the layout is still alive and well and residing in the basement of one its other creators. John's hobby interests, and relative expertise is in prototype operations and module construction techniques. Everything in between is just steps to reach his desire of playing trains with his friends. He is currently serving as Membership Services Representative for the Layout Design Special Interest Group. He also currently serves as Convention Coordinator for the Pere Marquette Historical Society. His prototype railroad interests are the Wabash Railroad and the Chesapeake & Ohio RR. John's current layout modeling direction is to replicate the C&O RR in mid-Michigan in the fall of 1968. Please don't ask to see the track plan – yet.

45: Car Cards and Waybills: A three-part presentation: Part 1: Theory [Wed: 1:00P] [Wed: 6:30P]

13: "Make Only New Mistakes" [Sat: 10:30A]

Presenter: Steve Zapytowski, MMR®: Steve has been married to Bernadine for the past forty-nine years. He is a Professor Emeritus of Theatre Design and Technology from Kent State University in Ohio, and previously taught at The University of Iowa and Portland State University in Oregon. Though a model railroader since high school he took time off while their children were growing up and he resumed the hobby in 2003. Steve joined the NMRA in 2014 and belongs to Division 1 of the Mid Central Region (MCR). In the past he was the Division 1 Assistant Superintendent and co-chaired the MCR Convention Committee for the 2019 Boardman, Ohio convention. Currently, Steve chairs the Mid Central Region's Education Committee. For several years, he's run the MCR's annual contest and been responsible for both judge and contest administration training. He is providing the same services for Indy Junction 2022.

14: Myths and Legends of the Tillamook & Astoria [Wed: 4:00P] [Thu: 8:00P]

66: Do I Really Need to Fill Out This Form [Wed: 1:00P]

67: The Indy Junction 2022 Contest Administration [Wed: 9:00A]

68: Judging the Indy Junction 2022 Model Contest [Fri: 4:00P]

Version #2 4-3-22