


patterns

july 2015

A large, detailed black and white photograph of a mushroom cloud from the atomic bombing of Nagasaki, Japan, on August 9, 1945. The cloud is massive and billowing, with a thick, dark column rising from the ground and a large, white, cauliflower-like top that spreads out. The background is a dark, overcast sky. The image is framed by a dark, curved border at the top.

The
dawn
of the
atomic
age



Illinois Public Media™

WILL radio.tv.online

Membership Hotline: 800-898-1065

WILL AM-FM-TV: 217-333-7300

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Mailing List Exchange

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Patterns

Friends of WILL Membership Magazine

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Radio

90.9 FM: A mix of classical music and NPR information programs, including local news. (Also heard at 106.5 in Danville and with live streaming on will.illinois.edu.) See pages 4-5.

101.1 FM and 90.9 FM HD2: Locally produced music programs and classical music from C24. (101.1 is available in the Champaign-Urbana area.) See page 6.

580 AM: News and information, NPR, BBC, news, agriculture, talk shows. (Also heard on 90.9 FM HD3 with live streaming on will.illinois.edu.) See page 7.

Television

WILL Create

Cooking, travel, gardening and home improvement, arts and crafts. 12.3; also available on Comcast and Mediacom. See page 8.

WILL World

PBS documentaries, news and public affairs. 12.2; also available on Comcast and Mediacom. See page 8.

WILL-HD

All your favorite PBS and local programming, in high definition when available. 12.1; Contact your cable or satellite provider for channel information. See pages 9-16.

Online

will.illinois.edu



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Get WILL eNews

Video previews, behind-the-scenes information, program schedule updates and more, delivered every Wednesday to your email inbox.

go.illinois.edu/WILLsubscribe

patterns

july 2015 Volume XLIII, Number 1



We all need feedback.

We can get so caught up in our day-to-day activities that we miss opportunities to check in on how well we're actually delivering the goods. All of us at Illinois Public Media appreciate your opinions on the job we're doing, and we hope you'll always reach out to let us know.

Another helpful input is getting together with other public media stations at the PBS annual meeting to learn from one another, compare notes and get unique insight both from our peers and from the top minds at PBS, including CEO Paula Kerger. From rapidly evolving technology and delivery systems to changes or reductions in funding sources and discovering new operational efficiencies, there's a lot of keep up with.

The annual meeting's session with general managers of PBS stations across the country shared best practices at the national level and at individual stations. It confirmed that Illinois Public Media is right in step with and, in some cases, ahead of other stations with our progress in increasing content; serving our communities; finding ways to share content on every platform with an emphasis on digital delivery; increasing partnerships; examining ways to be more diversified in content and development sources and delivery; and being open to collaborations.

In the coming months, I'll be sharing more about how our strategic planning process is helping refine and clarify our goals and actions in these areas. It's shaping up to be a vital map for our future. Thank you so much for your ongoing support—we're glad you're with us on the journey!

Moss Bresnahan, President and CEO

Twitter: @MossILMedia

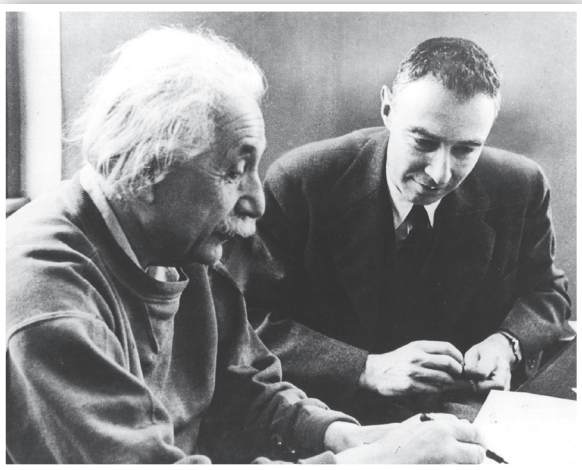
Looking at the history and science of nuclear weapons



With this month's 70th anniversary of the Trinity Test—the first explosion of an atomic bomb—new thought-provoking documentaries share the history of nuclear weapons and offer an in-depth look at the chemical element used in those armaments.

Using state-of-the-art techniques to turn recently declassified images into vivid

footage, **The Bomb** (7 pm Tuesday, July 28) tells a powerful story of the most destructive invention in human history. From the earliest testing stages to its use as the ultimate chess piece in global politics, the program explores how America developed the bomb, how it changed the world and how it continues to loom large in our lives. The documentary includes interviews with historians, along with the men and woman who helped build the weapon piece by piece. Former high-ranking government officials reveal how the bomb was viewed inside government circles, while others share their memories of seeing the mushroom clouds of the first atomic tests.



▲ Albert Einstein and Robert Oppenheimer

Then, following **The Bomb**, at 9 pm on July 28, is the first of the two-part **Uranium: Twisting the Dragon's Tail**, a look at the Earth's most controversial substance. Part science and part history, the story of uranium is brought to life by host Dr. Derek Muller (right), a physicist and creator of the popular YouTube channel, Veritasium. Muller explores mineshafts, arid deserts and an abandoned city resulting from the world's worst nuclear accident to touch on the cultural, scientific and natural significance of uranium and its many uses—from weaponry to medicine. The second part of the program airs at 9 pm Wednesday, July 29.



Photo: Courtesy of Josephine Wright/Genepool Productions Pty Ltd

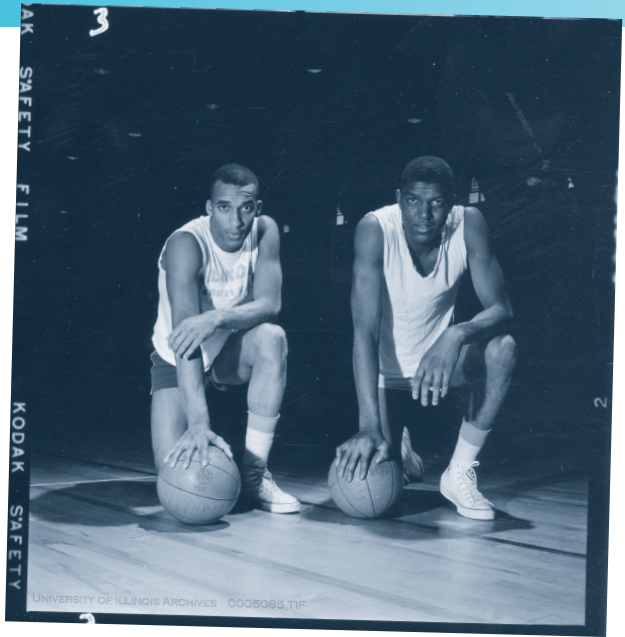
More stories about U of I alumni and faculty

Mannie Jackson rose from humble beginnings living in a boxcar to become the first African-American captain of the University of Illinois basketball team, a member and later owner of the Harlem Globetrotters, and a senior executive at Honeywell.

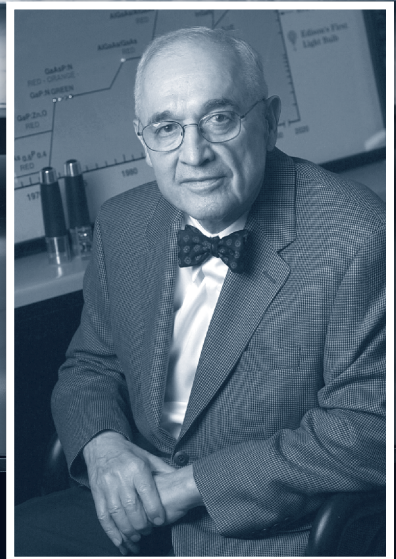
Mannie Jackson: From Boxcar to Boardrooms, by U of I documentary film producers Alison Davis Wood and Tim Hartin, airs on WILL-TV at 5:30 pm Sunday, July 5. It tells the story of Jackson's youth in southern Illinois in the 1940s and '50s, when he dreamed of being more than a star athlete. He wasn't willing to accept the limitations placed on him by a society steeped in prejudice. As a senior executive at Honeywell, he was one of the first African-Americans to serve on multiple Fortune 500 company boards of directors. When he purchased the Harlem Globetrotters in 1992, he rescued them from bankruptcy and ensured their role in African-American history would not be forgotten.

Three other documentaries by Wood and Hartin air on subsequent Sundays

- ▶ John Bardeen (credit: University of Illinois Library Archives)
- ▼ Julie and Nathan Gunn (Courtesy of Nathan Gunn)



▲ Mannie Jackson, left, with U of I teammate Governor Vaughn. (credit: University of Illinois Library Archives)



▲ Nick Holonyak (credit: University of Illinois)



Honoring a life

The Corporation for Public Broadcasting honored the late Donald P. Mullally, a former general manager of WILL, with a proclamation of appreciation for his career-long contributions to public media. At left, Illinois Public Media President and CEO Moss Bresnahan presented the document to Carolyn Mullally. Below: Tiffany Jolley, the first Mullally intern and now on the WILL News staff, with Mrs. Mullally.



this month at 5:30 pm. On July 12, **A Brilliant Idea—Nick Holonyak** looks at the life and work of the father of light-emitting diodes, or LEDs. Holonyak, who is now in his 80s, is still inventing and performing research in his lab at the U of I College of Engineering. On July 19, **Spark of Genius** examines the contributions of John Bardeen who, with Walter Brattain, invented the transistor in 1947. The program looks at what inspired Bardeen throughout his life and while he worked as a U of I professor in electrical engineering and physics.

Then on July 26, **Illinois Innovators** profiles four current and former U of I professors: opera star Nathan Gunn and his wife/accompanist Julie Gunn; Rajmohan Gandhi, the biographer and grandson of Mahatma Gandhi; and Thomas Cureton Jr., known as the father of physical fitness.

WILL Radio gets new automation system

By Bob Culkeen
Interim Chief Operations Officer

This month, I want to tell you about another technical project recently completed at Illinois Public Media. In June, we replaced our radio automation system. The computer platform for our automation was no longer supported by the manufacturer. After eight months of planning, we installed a new system, and have been training our engineering, operations, news and FM staff to use it.

The automation system incorporates all our station audio resources into one system, linking seven work stations, six studios and our broadcast operations

center. The system provides powerful production and operational tools for our staff, resulting in greater efficiency and more seamless transitions on the air. The system also increases our operational and technical reliability during times of unattended operations, such as overnight hours.

Because the project schedule was designed for the current and new systems to run concurrently, transition to the new system occurred with no outages or noticeable changes for our listeners.

The radio automation project was funded by a generous gift from an anonymous donor.

weekdays

6 am

NPR Morning Edition

with Renee Montagne, Steve Inskeep and David Greene

9 am

Classic Mornings with Vic Di Geronimo

Join Vic for music and companionship and make each morning a classic morning!

Noon

Afternoon Classics

Jeff Esworthy, Julie Amacher, Lynn Warfel and Mindy Ratner keep you company throughout the afternoon. Garrison Keillor's **The Writer's Almanac** is at 1:01. **NPR News Headlines** at 3:01.

5 pm

NPR All Things Considered

with Robert Siegel, Melissa Block and Audie Cornish

7 pm

The Evening Concert

Great performances from the great concert venues. Also on Sundays from 7-9 pm. *Listings are subject to change.*

Monday:

The 2014 Salzburg Festival

(new: this month only)

- 7/6 **Mozarteum Orchestra Salzburg**
Ivor Bolton, conductor
Kristian Bezuidenhout, piano
Mozart: Piano Concerto in G, K 453
- 7/13 **Vienna Philharmonic**
Riccardo Muti, conductor
Schubert: Symphony No. 4 in C minor, D 417
Bruckner: Symphony No. 6 in A
- 7/20 **Mozarteum Orchestra Salzburg**
Adam Fischer, conductor
Salzburg Bach Choir
Mozart: A Little Masonic Cantata, K 623
Mozart: Symphony No. 36 in C, K 425
- 7/27 **Vienna Philharmonic**
Gustavo Dudamel, conductor
Strauss: Tod und Verklärung, Op. 24
Strauss: Also sprach Zarathustra, Op. 30

Tuesday:

Chicago Symphony Orchestra

- 7/7 **Slatkin Conducts Gershwin**
Leonard Slatkin, conductor
Barber: Overture to the School for Scandal
Gershwin: An American in Paris
- 7/14 **Metzmacher Conducts Tchaikovsky**
Ingo Metzmacher, conductor
Tchaikovsky: Excerpts from The Nutcracker
Stravinsky: Petrushka (1911 version)
- 7/21 **Osma Vänskä Conducts Brahms**
Renaud Capuçon, violin;
Gautier Capuçon, cello
Brahms: Concerto for Violin and Cello
Brahms: Symphony No. 1 in C Minor, Op. 68
- 7/28 **Vasily Petrenko Conducts Rachmaninoff**
Paul Lewis, piano
Beethoven: Piano Concerto No. 5 (Emperor)
Rachmaninoff: Symphonic Dances

Wednesday:

San Francisco Symphony

- 7/1 Rafael Frühbeck de Burgos, conductor
Alisa Weilerstein, cello
Haydn: Cello Concerto No. 1 in C major
Rimsky-Korsakov: Scheherazade



▲ Gustavo Dudamel, 7 pm 7/27.

- 7/8 Michael Tilson Thomas, conductor
Julia Fischer, violin
Prokofiev: Violin Concerto No. 1
Berlioz: Symphonie fantastique
- 7/15 Herbert Blomstedt, conductor
Carey Bell, clarinet
Nielsen: Clarinet Concerto
Schubert: Symphony in C major, D. 944
- 7/22 Herbert Blomstedt, conductor
Garrick Ohlsson, piano
Mozart: Piano Concerto No. 21 in C major
Bruckner: Symphony No. 4 in E-flat major
- 7/29 James Conlon, conductor
Jean-Yves Thibaudet, piano
Mark Inouye, trumpet
Shostakovich: Piano Concerto No. 1 in C minor

Thursday:

The New York Philharmonic This Week

- 7/2 Bramwell Tovey, conductor
Sousa: The Liberty Bell
Kessler: Armed Forces Medley
- 7/9 Bramwell Tovey, conductor
Kirill Gerstein, piano
Tchaikovsky: Piano Concerto No. 2
Tchaikovsky: 1812 Overture
- 7/16 Bramwell Tovey, conductor
Marc Nuccio, clarinet
Copland: Clarinet Concerto
Grove: Grand Canyon Suite
- 7/23 Bramwell Tovey, conductor;
Copland: Four Dance Episodes from Rodeo
Tovey: The Lincoln Tunnel Cabaret
- 7/30 Bramwell Tovey, conductor;
Joyce Yang, piano
Shostakovich: Festive Overture
Rachmaninoff: Piano Concerto No. 1

Friday:

Prairie Performances

Concerts are subject to availability.
To be announced.

9 pm

Night Music

Gillian Martin, Bob Christiansen, Ward Jacobson, Scott Blankenship or John Zech keep you company through the night and into the morning. **NPR News Headlines** at 9:01.

saturdays

7 am

NPR Weekend Edition

with Scott Simon

9 am

Classics By Request

Submit requests to John Frayne at classreq@illinois.edu or 217-300-4319.

Garrison Keillor's **The Writer's Almanac** at 9:01.

NPR News Headlines at 10:01.

11 am

Classics of the Phonograph

John Frayne's weekly exploration of memorable recordings from the 20th century.

- 7/4 Serge Koussevitzky and Howard Hanson: Great Supporters of American Music
- 7/11 The Deutsche Grammophone Archiv Label and the Baroque Revival
- 7/18 Eric Leinsdorf: A Forgotten Conductor?
- 7/25 Famous Piano Concerto Recordings of the 1930s

Noon

Afternoon at the Opera

The Lyric Opera of Chicago series ends and the Los Angeles Opera series begins.

- 7/4 **PORGY AND BESS** (Gershwin). Ward Stare, cond, with Eric Owens (Porgy), Adina Aaron (Bess), Eric Greene (Crown), Jermaine Smith (Sportin' Life), and the Lyric Opera Ensemble.
- 7/11 **TOSCA** (Puccini). Dmitri Jurowski, cond, with Tatiana Serjan (Tosca), Brian Jagde (Mario), Evgeny Nikitin (Scarpia), and the Lyric Opera Ensemble.
- 7/18 **LA TRAVIATA** (Verdi). James Conlon, cond, with Nino Machaidze (Violetta), Arturo Chacon-Cruz (Alfredo), Placido Domingo (Giorgio Germont), and the LA Opera Ensemble.
- 7/25 **DIDO AND AENEAS** (Purcell). Steven Sloane, cond, with Paula Murrihy (Dido), Liam Bonner (Aeneas), Kateryna Kasper (Belinda). **BLUEBEARD'S CASTLE** (Bartok). Steven Sloane, cond, with Robert Hayward (Bluebeard), Claudia Mahnke (Judith), and the LA Opera Ensemble.

4 pm

NPR All Things Considered

5 pm

A Prairie Home Companion

Garrison Keillor and friends present music, skits, and the latest news from Lake Wobegon. **[Also Sundays at 2 pm]**

7 pm

The Midnight Special

Rich Warren presents folk music and farce, show tunes and satire, traditional and contemporary with gentle irreverence and candid observation.

9 pm

Classics All Night

Bob Christiansen and Scott Blankenship keep you company Saturday night and into Sunday morning. **NPR News Headlines** at 10:01.

sundays

7 am

NPR Weekend Edition

with Rachel Martin

9 am

Sunday Baroque

With host Suzanne Bona

Garrison Keillor's **The Writer's Almanac** at 9:01.

1 pm

The Record Shelf

2 pm

A Prairie Home Companion

4 pm

NPR All Things Considered

5 pm

Classical Music

Mindy Ratner and Valerie Kahler are your hosts.

7-8 pm

The Evening Concert

Chamber Music Society of Lincoln Center

- 7/5 **Piano, Four Hands**
Mozart: Andante and Five Variations, K. 501
Gilles Vonsattel, Andre-Michel Schub, piano
- 7/12 **Brandenburgs & More**
Bach: Brandenburg Concerto No. 6 and No. 4
Pedja Muzijevic, harpsichord
- 7/19 **American Spirit**
Beach: Quintet in F-sharp minor
Escher String Quartet
- 7/26 **Hungarian Flair**
Dohnányi: Quintet No. 1 in C minor for Piano,
Two Violins, Viola, and Cello, Op. 1
Juho Pohjonen, piano

8-9 pm

The Evening Concert

Spoleto Chamber Music Series (new season)

- 7/5 Telemann: Concerto for Oboe in E Minor
James Austin Smith, oboe
Mozart: Kegelstatt Trio, K. 498
Todd Palmer, clarinet
- 7/12 Mendelssohn: Piano Trio in D Minor
Inon Barnatan, piano
Biber: Harmonia Artificiosa-Ariosa:
Partita No. 3
Pedja Muzijevic, harpsichord
- 7/19 Sarasate: "Nouvelle Fantaisie sur Faust"
Livia Sohn, violin
Schubert: Piano Quintet in A Major, D. 667,
"The Trout"
Inon Barnatan, piano
- 7/26 Vaughan-Williams: Piano Quintet in C Minor
Inon Barnatan, piano
Macmillan: "From Galway"
Todd Palmer, clarinet

10 pm

Harmonia

Angela Mariani presents Baroque and early music. **NPR News Headlines** at 10:01.

11 pm

The Romantic Hours

Music, poetry and romance with Mona Golabek.

midnight

Classical Music

willfm
101.1 and 90.9 HD2

weekdays

6-9 am

Classical Music

9 am-noon

**Classic Mornings
with Vic Di Geronimo**

Join Vic for music and companionship and make each morning a classic morning!

Noon-overnight

**Classical Music;
Fridays 7-9,
Prairie Performances**

(see listings page 4)

Saturdays

7-9 am

Classical Music

9-11 am

Classics by Request

John Frayne plays requests at this time each Saturday. Submit requests at classreq@illinois.edu or 217-300-4319.

11 am-Noon

**Classics of the
Phonograph**

John Frayne's weekly exploration of memorable recordings from the 20th century. See page 5 for listings.

Noon-overnight

Classical Music

Sundays

all day

Classical Music



Programs on WILL Radio are partially sponsored by a grant from the Illinois Arts Council, a state agency.



Photo: Courtesy of Fotosearch.com

The sounds of independence

As the perfect backdrop for your celebration, WILL-FM is airing **A Capitol Fourth** from 7-9 pm on Saturday, July 4. It will replace **The Midnight Special** that evening.

This year marks the 35th anniversary of the live broadcast from the West Lawn of the U.S. Capitol. Hosted by NPR's Korva Coleman, the event features performances from some of America's best known celebrities and musical artists. The show is capped off with a rousing rendition of Tchaikovsky's *1812 Overture* complete with live cannon fire provided by the United States Army Presidential Salute Battery, an audience favorite and now **A Capitol Fourth** tradition.

New Capitol Steps special

Continuing their longstanding tradition of *Politics Takes a Holiday* specials, The Capitol Steps will present the Independence Day edition at 10 am Friday, July 3, on WILL-AM.



Monday - Friday		Saturday	Sunday
NPR Morning Edition with Brian Moline	5:00	BBC Overnight Continued	BBC World Service
	6:00	Commodity Week	Inside Europe
	6:30	Mid-American Gardener	
	7:00	NPR Weekend Edition	NPR Weekend Edition
	9:00	Car Talk	
See below	10:00	Wait Wait ... Don't Tell Me	Says You
Fresh Air NPR News 11:01	11:00	Ask Me Another	Car Talk
Here & Now hosted by Jason Croft NPR News 12:01	Noon	This American Life	Wait, Wait... Don't Tell Me
Science Friday (F)	1:00	The Moth Radio Hour	All Songs Considered
	1:30		State Week in Review
The Closing Market Report NPR News 2:01	2:00	Radiolab	Reveal (7/12)
BBC Business Daily/ Commodity Week (F)	2:30		
The World	3:00	TED Radio Hour	On the Media
All Things Considered with Jeff Bossert	4:00	All Things Considered	All Things Considered
	5:00	Big Picture Science	The People's Pharmacy
	6:00	Commonwealth Club	Travel with Rick Steves
Fresh Air	7:00	Living on Earth	To the Best of Our Knowledge
See below (repeat of 10 am program)	8:00	Latino USA	
BBC World Service	9:00	Alternative Radio	New Dimensions
	10:00	Bookworm	Le Show
	10:30	New Letters on the Air	
	11:00	Left, Right & Center	BBC World Service
	11:30- 6 am	BBC World Service	

Bold Listing = National/International News

10 am weekdays lineup

Monday: On the Media (repeat of previous Sunday)

Tuesday: The Moth Radio Hour

Wednesday: Big Picture Science (repeat of previous Saturday)

Thursday: The TED Radio Hour (repeat of previous Saturday)

Friday: Capitol Steps: Politics Takes a Holiday (7/3)

Agriculture

Todd Gleason, host, Closing Market Report & Commodity Week

Opening Market Report: 8:49 am; **Mid-Morning Market Report:** 9:49 am; **Market Update:** 10:58 and 11:58 am; **Midday Market Report:** 12:55 pm; **Closing Market Report:** 2:06 pm. To listen to archived ag reports, sign up for the Illinois Public Media Ag E-newsletter, or download our agricultural podcasts, visit www.willag.org. Call 217-333-3434 for market analysis, updated at 9:15 am and 3:15 pm daily.

Illinois Public Media News

Scott Cameron, news and public affairs director

The news from Illinois Public Media's award-winning staff of reporters —Jeff Bossert, Tiffany Jolley, Jim Meadows, Hannah Meisel and Brian Moline—can be heard during **Morning Edition**, **Here & Now** and **All Things Considered**.

Weather

Monday-Friday

AM: 6:09, 6:20, 6:35, 6:50, 7:09, 7:20, 7:35, 7:50, 8:09, 8:20, 8:35, 8:50 **PM:** 12:37, 4:06, 4:35, 5:06, 5:35

Saturday and Sunday

Occasional updates

Arts and Crafts—5-6 am; 11 am-noon

Sun and Wed: Knitting Daily; Beauty of Oil Painting/
Frank Clark Simply Painting Around the World (begins
7/8)

Mon and Fri: Quilting Arts; Paint This with Jerry
Yarnell/Painting the Town with Eric Dowdle (begins
7/10)

Tue and Thu: Knit and Crochet Now; Best of the Joy
of Painting

Cooking—6-8 am; noon-2 pm

Sun and Wed: Pati's Mexican's Table; Primal Grill;
Barbecue University; Moveable Feast

Mon and Fri: Great American Seafood Cook Off;
Caprial and John's Kitchen/Healthful Indian Flavors
with Alamelu (begins 7/24); Ciao Italia/Martin Yan's
Vietnam (begins 7/6); Taste the Islands with Chef Irie

Tue and Thur: Chef John Besh's New Orleans; P.
Allen Smith's Garden to Table; The Farm with Ian
Knauer; Christina Cooks

Travel—8-9 am; 2-3 pm

Sun and Wed: Curious Traveler; Family Travel with
Colleen Kelly

Mon and Fri: Richard Bangs' Adventures with Purpose/
Destination Anywhere Specials (begins 7/6)

Tue and Thu: Rudy Maxa's World; EQUITrekking/
Mineral Explorers (begins 7/30)

Gardening/Home Improvement—9-11; 3:30-5:30 pm

Mon and Fri: This Old House; Rough Cut—
Woodworking with Tommy Mac; P. Allen Smith's
Garden Home; Beads, Baubles and Jewels

Tue and Thu: Hometime; Woodsmith Shop; Victory
Garden; For Your Home

Wed: Ask This Old House; American Woodshop;
Garden Smart; Katie Brown Workshop

Sun: Ask This Old House; American Woodshop;
Garden Smart; Katie Brown Workshop

Weekend Marathons—5-11 am; 5-11 pm Saturday; 11 am-5 pm Sunday**July 4/5: Great Steak**

Prepare the perfect steak.

July 11/12: Taste of India

Tour and taste with Create's experts.

July 18/19: Brunch Time

Recipes and how to serve brunch right.

July 25/26: Beauty and the Beach

The best locations around the globe.

See the full Create schedule at will.illinois.edu/tv/schedule

WORLD Primetime Schedule

12.2

Monday-Friday

9:00 PBS NewsHour

10:00 Nightly Business Report

10:30 Journal

Mondays

7:00 Voices: Untold Stories of Mental Illness
(7/6); Conducting Hope (7/13); POV (7/20);
Death and Politics at Attica (7/27)

8:00 Local USA

8:30 Film School Shorts

11:00 Life with Huntington's (7/6); Faith in the Big
House (7/13); Tavis Smiley Reports (7/20);
Cruel and Unusual (7/27)

Tuesdays

7:00 America Reframed

8:30 Calling My Children (7/7); Education of
Harvey Gantt (7/14); Visa Dream (7/21);
America by the Numbers with Maria
Hinojosa (7/28)

11:00 America Reframed

Wednesdays

7:00 POV (7/15, 7/29)

7:30 Frontline (7/1, 7/22)

8:00 Frontline (7/8, 7/15, 7/29)

11:00 POV (7/1, 7/22); Losing Lambert: A Journey
Through Survival & Hope (7/8); So Right,
So Smart (7/15); World On Trial (7/29)

11:30 POV (7/8)

Thursdays

7:00 First Peoples (7/2); NOVA (7/9, 7/23); To
Catch a Comet (7/16); Uranium: Twisting the
Dragon's Tail (7/30)

8:00 Secrets of the Dead (7/2); Naturally
Obsessed: The Making of a Scientist
(7/9); Divine Discontent: Charles Proteus
Steinmetz (7/16); Fixed: The Science/Fiction
of Human Enhancement (7/23); NOVA (7/30)

11:00 First Peoples (7/2, 7/9); NOVA (7/16, 7/23);
Uranium: Twisting the Dragon's Tail (7/30)

Fridays

7:00 American Experience: Mount Rushmore
(7/3); American Experience: The
Abolitionists (7/10); American Experience:
Blackout (7/17)

8:00 Following Dreams (7/3); A Story of the
Underground Railroad (7/10); Underground
Railroad: The William Still Story (7/17);
Space Shuttle Columbia: Mission of Hope
(7/24); In My Lifetime (7/31)

11:00 1962 World's Fair (7/3); American
Experience: The Abolitionists (7/10, 7/17);
Humanity from Space (7/24); The Bomb
(7/31)

Saturdays

7:00 Liberty or Death (7/4); Independent Lens:
Muhammad Ali (7/11); Mary Lou Williams:
The Lady Who Swings the Band (7/18);
Circus Dreams (7/25)

8:00 Anthem (7/4); Queen of Swing (7/18)

8:30 An American Mosque (7/11); Dreamers
Theater (7/25)

9:00 America Reframed

10:30 Calling My Children (7/11); Education of
Harvey Gantt (7/18)

11:00 Liberty or Death (7/4); Independent Lens:
Muhammad Ali (7/11); Mary Lou Williams:
The Lady Who Swings the Band (7/18);
Circus Dreams (7/25)

Sundays

7:00 Operation Wild (7/5, 7/12, 7/19); Life on the
Reef (7/26)

8:00 Appalachians (7/5); 1913: Seeds of Conflict
(7/12); POV (7/19); Independent Lens (7/26)

9:00 Frontline (7/5, 7/12)

9:30 Global Voices (7/19, 7/26)

10:00 Jail Talk (7/5)

10:30 Oil Calling (7/12)

11:00 Operation Wild (7/5, 7/12, 7/19); Life on the
Reef (7/26)

See the full World schedule at
will.illinois.edu/tv/schedule

Monday - Friday		Saturday	Sunday	
Market to Market (M) Nightly Business Report (T-F)	5:00	Barney & Friends	Sid the Science Kid	
Body Electric (M,W,F) Sit and Be Fit (T, Th)	5:30	Angelina Ballerina	Peg + Cat	
Odd Squad	6:00	Curious George	Curious George	
Wild Kratts	6:30	Curious George	Curious George	
Curious George	7:00	Daniel Tiger	Daniel Tiger	
Curious George	7:30	Daniel Tiger	Daniel Tiger	
Daniel Tiger's Neighborhood	8:00	Sesame Street	Sesame Street	
Daniel Tiger's Neighborhood	8:30	Dinosaur Train	Dinosaur Train	
Sesame Street	9:00	Thomas and Friends	Cyberchase	
	9:30	Bob the Builder	Space Racers	
Dinosaur Train	10:00	Motorweek	Charlie Rose: The Week	
Dinosaur Train	10:30	P. Allen Smith's Garden Home/ Growing a Greener World (begins 7/11)	To the Contrary	
Peg + Cat	11:00	Mid-American Gardener	America's Heartland	
Peg + Cat	11:30	Victory Garden	Market to Market	
Super WHY!	Noon	America's Test Kitchen	The McLaughlin Group	
Thomas & Friends	12:30	Cook's Country	Religion + Ethics Newsweekly	
Sewing Programs ▼	1:00	Lidia's Kitchen	Specials 7/5 1:00 Masterpiece Mystery: Endeavor 2:30 Masterpiece Mystery: Endeavor 4:00 Father Brown: The Owl of Minerva 7/12 1:00 Great Performances at the Met: Iolanta/Bluebeard's Castle 4:00 Father Brown: The Time Machine 7/19 1:00 The Forsyte Saga, Part 1 2:00 The Forsyte Saga, Part 2 3:00 Secrets of Chatsworth 4:00 Father Brown: The Standing Stones 7/26 1:00 The Forsyte Saga, Part 3 2:00 The Forsyte Saga, Part 4 3:00 Secrets of Underground London 4:00 Father Brown: The Paradise of Thieves	
Painting and How To Programs ▼	1:30	Simply Ming		
Sesame Street	2:00	Cooking with Nick Stellino		
Curious George	2:30	Pati's Mexican Table		
Arthur	3:00	Steven Raichlen's Project Smoke		
Odd Squad	3:30	Hometime		
Wild Kratts	4:00	This Old House Hour		
Word Girl	4:30			
BBC World News	5:00	PBS NewsHour Weekend		PBS NewsHour Weekend
Nightly Business Report	5:30	Rick Steves' Europe		See article page 2
PBS NewsHour	6:00	Lawrence Welk	Doc Martin	

1:00 pm Sewing

M: Fons & Porter's Love of Quilting
 Tu: Sewing with Nancy
 W: Knitting Daily
 Th: Knit & Crochet Now/Quilting Arts (begins 7/30)
 F: It's Sew Easy

1:30 pm Painting and How To

M: Beauty of Oil Painting
 Tu: Paint This with Jerry Yarnell
 W: Wyland's Art Studio
 Th: Garden Smart
 F: Painting and Travel/Painting with Paulson
(begins 7/17)

Driving Miss Daisy tells the story of the unlikely and evolving friendship of a well-to-do Jewish matron and her African-American chauffeur during the tumultuous years of the Civil Rights era in the Deep South. **Great Performances** captured a production of the Pulitzer Prize-winning stage play starring Angela Lansbury as Daisy Werthan, and James Earl Jones as Hoke Colburn. It airs at 8 pm Friday, July 17.

Driving a friendship



Photo: Courtesy of Broadway Near You

Photo: Courtesy of Bolivar Arelano




The night the lights went out

In **Blackout, American Experience** looks back at the 1977 New York City power outage that affected 7 million people. The event led to both horrifying lawlessness and acts of selflessness and generosity. The program airs at 8 pm Tuesday, July 14.



The Great Barrier Reef is one of the most complex natural ecosystems on earth—home to a stunning array of animals, from microscopic plankton to 100-ton whales. From the coral cays of the outer reef to the Islands of the Torres Strait, the reef's human residents work to find that critical balance between our needs and those of an ever-diminishing natural world. The three-part **Life on the Reef (7 pm Wednesdays, July 22, 29 and Aug. 5)** presents a fresh look at Australia's greatest natural icon through the eyes of those who live, work and play in this natural wonderland.



Operation Wild, a three-part series that airs at 7 pm Wednesdays starting July 1, features veterinarian teams around the world as they undertake groundbreaking operations to try to save animals' lives. Through dramatic stories of ingenuity, invention and dedication, find out how pioneering human medicine is transforming animal health care in some of the most remote places on earth.

Good medicine

Photo: Courtesy of Alice Jones / BBC



Creating second chances

Having lost custody of their children, two parents fight to win back the trust of the courts and reunite their families. Acknowledging their past parenting mistakes, both contend with a complex bureaucracy to prove they deserve a second chance in **POV: Tough Love** at 9 pm Monday, July 6.



Maintaining a precious balance

The world's best young pianists try to make a name for themselves at a high-stakes piano competition that's as much a test of character as a musical proving ground. **Virtuosity — The Cliburn** tells their stories at 8 pm Friday, July 31.



Pressure piano

WILL-TV

Friday Night Public Affairs

- 7:00 Washington Week
7:30 Charlie Rose: The Week

BritCom Saturday Night

- 8:00 As Time Goes By
8:30 Vicar of Dibley
9:00 Moone Boy
9:30 Spy
10:00 Doctor Who

1 Wednesday

- 7:00 **Operation Wild** (TV-PG)
Part 1 of 3. See article page 11. *Repeated midnight.*
- 8:00 **First Peoples** (TV-PG)
Asia. Part 3 of 5. New insight on the ancient human journey from Africa to Asia, supported by DNA evidence found four years ago. *Repeated 1 am Thursday; 2:30 am Friday; and midnight Sunday.*
- 9:00 **First Peoples** (TV-PG)
Australia. Part 4 of 5. The story of how homo sapiens survived their earliest days on a new continent. *Repeated 2 am Thursday; 3:30 am Friday; and 1 am Sunday.*
- 10:00 **Last of the Summer Wine**
- 10:30 **Newsline**
- 11:00 **Charlie Rose**

2 Thursday

- 7:00 **Mid-American Gardner** (Special) (TV-G)
Repeated 11 am Saturday.
- 7:30 **Ask This Old House** (TV-G)
Practical Drought Solutions.
- 8:00 **Doc Martin** (TV-PG)
Guess Who's Coming to Dinner? Martin and Louisa host a disastrous dinner party, the new nanny walks out, and Morwenna advertises for a lodger. *Repeated 6 pm Sunday.*
- 9:00 **Father Brown**
The Owl of Minerva. A fugitive takes sanctuary in St. Mary's; Father Brown realizes that the man in the confessional is Inspector Sullivan—and he's wanted for murder. *Repeated 4 pm Sunday.*
- 10:00 **Last of the Summer Wine**
- 10:30 **Newsline**
- 11:00 **Charlie Rose**

3 Friday

- 7:00 **Friday Night Public Affairs**
See above.
- 8:00 **Great Performances** (TV-G)
Star Spangled Spectacular: Bicentennial of Our National Anthem. A celebration of the anthem's 200th anniversary, featuring performances by Kristin Chenoweth, Smokey Robinson, Train, the Baltimore Symphony Orchestra and many others.
- 10:00 **Last of the Summer Wine**
- 10:30 **Newsline**
- 11:00 **Charlie Rose**

4 Saturday

- 7:00 **A Capitol Fourth** (TV-G)
Celebrate the country's 239th birthday with an all-star musical extravaganza and the greatest display of fireworks anywhere in the nation, live from the West Lawn of the U.S. Capitol. *Repeated 8:30 pm; 2 am Sunday; and 2 am and 3:30 am Monday.*
- 8:30 **A Capitol Fourth** (TV-G)
Repeated from 7 pm.
- 10:00 **Doctor Who**
- 11:00 **Front and Center** (TV-G)
Counting Crows.

5 Sunday

- 7:00 **Last Tango In Halifax** (TV-14)
Season 3. Part 2 of 6. Alan finally lets Celia into his secret about Gary, but is saddened when Celia punishes Caroline on her wedding day for his mistake. *Repeated 2 am Tuesday.*
- 8:00 **Poldark On Masterpiece** (TV-PG)
Part 3 of 7. Poldark's battle with the local gentry deepens. He faces one turning point with Elizabeth and another with Demelza. *Repeated midnight; and 3 am Tuesday.*
- 9:00 **The Crimson Field** (TV-PG)
Part 3 of 6. Thomas wrestles with a growing attraction to Kitty; a terrified patient faces court martial; and Sister Joan reveals a dark secret to one of her patients. *Repeated 1 am Monday; and 4 am Tuesday.*
- 10:00 **Globe Trekker** (TV-PG)
Poland.
- 11:00 **Music City Roots: Live from the Loveless Café** (TV-PG)
A.J. Croce/Poor Old Shine/Robbie Fulks/The Wood Brothers.

6 Monday

- 7:00 **Antiques Roadshow** (TV-G)
Vintage Tulsa. Discover how appraisal values have changed from 15 years ago. Highlights include a Navajo chief's blanket, a Connecticut secretary and chair, and a 1924 Charles Russell watercolor. *Repeated 1 am Tuesday; and 7 pm Saturday.*
- 8:00 **Antiques Roadshow** (TV-G)
Vintage Des Moines. Fifteen years later, look at updated values, including for a Rambling Mickey Mouse toy; Charles Lindbergh memorabilia; and a Samuel McIntire medallion. *Repeated midnight Tuesday.*
- 9:00 **POV** (TV-PG)
Tough Love. See article page 11. *Repeated 3 am Wednesday; and 2 am Sunday.*
- 10:30 **Newsline**
- 11:00 **Charlie Rose**

7 Tuesday

- 7:00 **American Experience** (TV-PG) (DVS)
The Abolitionists. Part 1 of 3. The cause takes shape as individuals—including Frederick Douglass and Harriet Beecher Stowe—put their shared beliefs about slavery into action. *Repeated midnight; 3 am Thursday; and 2:30 am Saturday.*
- 8:00 **American Experience** (TV-PG) (DVS)
The Abolitionists. Part 2 of 3. John Brown

reveals his radical plan to raise an army, attack plantations and free the slaves; Harriet Beecher Stowe publishes Uncle Tom's Cabin in 1852. *Repeated 1 am Wednesday; and 4 am Thursday.*

- 9:00 Frontline**
Hunting the Nightmare Bacteria. An investigation into the alarming rise of untreatable, antibiotic resistant infections.
- 10:00 Last of the Summer Wine**
- 10:30 Newsline**
- 11:00 Charlie Rose**

8 Wednesday

- 7:00 Operation Wild (TV-PG)**
Part 2 of 3. See article page 11. *Repeated midnight.*
- 8:00 First Peoples (TV-PG)**
Europe. Part 5 of 5. A look at the interbreeding of homo sapiens and Neanderthals after their meeting in prehistoric Europe. *Repeated 1 am Thursday; 3 am Friday; 1 am Sunday; and 3:30 am Monday.*
- 9:00 NOVA (TV-PG)**
Why Sharks Attack. NOVA teams up with leading shark experts in Australia and the United States to discover the science behind the great white's hunting instincts. *Repeated 2 am Thursday; 4 am Friday; and midnight Sunday.*
- 10:00 Last of the Summer Wine**
- 10:30 Newsline**
- 11:00 Charlie Rose**

9 Thursday

- 7:00 Mid-American Gardener (TV-G)**
Repeated 11 am Saturday.
- 7:30 Ask This Old House (TV-G)**
Repairing Structural Problems/Wiring a New Ceiling Fixture.
- 8:00 Doc Martin (TV-PG)**
The Tameness of a Wolf. Ruth is invited on Radio Portwenn and attracts an unwanted mystery admirer; Doc and Louisa find a replacement nanny. *Repeated 6 pm Sunday.*
- 9:00 Father Brown (TV-PG)**
The Man in the Shadows. Father Brown finds himself embroiled with MI5, which puts Lady Felicia in a compromising position. To protect secrets in her own past, will she betray her friend?
- 10:00 Last of the Summer Wine**
- 10:30 Newsline**
- 11:00 Charlie Rose**

10 Friday

- 7:00 Friday Night Public Affairs**
See page 12.
- 8:00 American Masters**
Harper Lee: Hey, Boo! Just days from the release of Harper Lee's second book, take a personal look at the very private author of *To Kill a Mockingbird* and the book's enduring popularity.
- 9:30 Illinois Pioneers**
U of I School of Music professor Ollie Watts Davis.
- 10:00 Last of the Summer Wine**
- 10:30 Newsline**
- 11:00 Charlie Rose**

11 Saturday

- 7:00 Antiques Roadshow (TV-G)**
Vintage Tulsa. *Repeated from 7 pm Monday.*
- 8:00 Britcom Saturday Night**
See page 12.
- 11:00 Front and Center (TV-G)**
John Hiatt.

12 Sunday

- 7:00 Last Tango In Halifax (TV-14)**
Season 3. Part 3 of 6. Celia builds bridges with Alan and accepts Gary into her life, despite her initial reservations. Although relations with Caroline are still fraught, Celia stands by her when she receives some devastating news. *Repeated 2 am Tuesday.*
- 8:00 Poldark On Masterpiece (TV-PG)**
Part 4 of 7. The community awaits news of the fish harvest; Poldark's copper mine struggles; Demelza must get used to a new way of life. *Repeated midnight Monday; and 3 am Tuesday.*
- 9:00 The Crimson Field (TV-PG)**
Part 4 of 6. The arrival of soldiers from her hometown lifts Joan's spirits, but she finds herself in trouble. Meanwhile, the return of an old patient causes ripples, calling everyone's loyalties into question. *Repeated 1 am Monday; and 4 am Tuesday.*
- 10:00 Globe Trekker (TV-PG)**
Vietnam.
- 11:00 Music City Roots: Live from the Loveless Café (TV-PG)**
Belfast-Nashville Songwriters Festival.

13 Monday

- 7:00 Antiques Roadshow (TV-G)**
Vintage Las Vegas. Look back at memorable items appraised in 2000, including a collection of magic memorabilia; a Shearer chest of drawers; and an album of John Thomson photos. *Repeated 1 am Tuesday; and 7 pm Saturday.*
- 8:00 Antiques Roadshow (TV-G)**
Vintage Providence. Fifteen years later, check values of objects including a Maurice Brazil Prendergast color monotype; a Cartier ruby and diamond compact; and an Edward Farmer jade and gold box. *Repeated midnight; and 4 am Wednesday.*
- 9:00 POV (TV-PG)**
Web Junkie. Follow the military-style rehabilitation of three Chinese teenagers, obsessive gamers who prefer the virtual world to the real one. *Repeated 3 am Wednesday; and 2 am Sunday.*
- 10:00 Last of the Summer Wine**
- 10:30 Newsline**
- 11:00 Charlie Rose**

14 Tuesday

- 7:00 American Experience (TV-PG) (DVS)**
The Abolitionists. Part 3 of 3. Southern states secede, war breaks out and the conflict drags on before Lincoln emancipates the slaves and the 13th Amendment is ratified two years later. *Repeated midnight; and 2 am Thursday.*

WILL-TV

8:00 American Experience (TV-PG) (DVS)
Blackout. See article page 10. *Repeated 1 am Wednesday; 3 am Thursday; and 3 am Sunday.*

9:00 Frontline
Escaping ISIS. The gripping, first-hand accounts of women held as sex slaves who escaped the brutal reign of ISIS.

10:00 Last of the Summer Wine

10:30 Newslines

11:00 Charlie Rose

15 Wednesday

7:00 Operation Wild (TV-PG)
Part 3 of 3. See article page 11. *Repeated midnight; and 3 am Friday.*

8:00 NOVA (TV-G)
Chasing Pluto. See article page 16. *Repeated 1 am Thursday; 4 am Friday; and midnight Sunday.*

9:00 To Catch A Comet (TV-G)
A look at the complexities and challenges of the European Space Agency's spacecraft as it chased down and landed on a comet in 2014. *Repeated 4 am Thursday; 3 am Saturday; and 4 am Monday.*

10:00 Last of the Summer Wine

10:30 Newslines

11:00 Charlie Rose

16 Thursday

7:00 Mid-American Gardener (TV-G)
Repeated 11 am Saturday.

7:30 Ask This Old House (TV-G)
Installing a Grill Gas Line/Hanging a Mirror on Masonry.

8:00 Doc Martin (TV-PG)
Nobody Likes Me. Martin is coerced into taking James to playgroup, while Ruth is having problems with her new neighbor. *Repeated 6 pm Sunday.*

9:00 Father Brown (TV-PG)
The Curse of Amenhotep. After Sir Raleigh's new bride insists on seeing his Egyptian mummy, her dead body is found in a locked room.

10:00 Last of the Summer Wine

10:30 Newslines

11:00 Charlie Rose

17 Friday

7:00 Friday Night Public Affairs
See page 12.

8:00 Great Performances (TV-PG)
Driving Miss Daisy. See article page 10. *Repeated 1 am Saturday; and 2 am Monday.*

9:30 Vicious (TV-14)
Joined by their small circle of elderly friends for a wake, Freddie and Stuart create an awkward evening of meager food and liberal insults. *Repeated 2:30 am Saturday; and 3:30 am Monday.*

10:00 Last of the Summer Wine

10:30 Newslines

11:00 Charlie Rose

18 Saturday

7:00 Antiques Roadshow
Vintage Las Vegas. *Repeated from 7 pm Monday.*

8:00 Britcom Saturday Night
See page 12.

11:00 Front and Center (TV-G)
CMA Songwriters Series with Dierks Bentley.

19 Sunday

7:00 Last Tango In Halifax (TV-14)
Season 3. Part 4 of 6. Caroline is overwhelmed at the prospect of looking after baby, Flora, until a stranger walks into her life. *Repeated 2 am Tuesday.*

8:00 Poldark On Masterpiece (TV-PG)
Part 5 of 7. Poldark and Demelza start a family; the miners riot; Francis takes desperate measures to recoup his losses. *Repeated midnight; and 3 am Tuesday.*

9:00 The Crimson Field (TV-PG)
Part 5 of 6. Grace is threatened by an aggressively rude and war-scarred commander, while Joan waits anxiously for news from her fiancé. *Repeated 1 am Monday; and 4 am Tuesday.*

10:00 Globe Trekker (TV-PG)
South Atlantic.

11:00 Music City Roots: Live from the Loveless Café (TV-PG)
Leftover Salmon/Daniel Romano/Sturgill Simpson/Jonathan Scales Fourchestra.

20 Monday

7:00 Antiques Roadshow (TV-G)
Vintage Madison. Discover how the value of items has changed in 15 years; highlights include an 1875 Norwegian Hardanger fiddle; Winsor McCay comic art and an Eanger Irving Couse oil. *Repeated 1 am Tuesday; and 7 pm Saturday.*

8:00 Antiques Roadshow (TV-G)
Vintage Tampa. Value updates on items from the 2000 program, including a fork from the Hindenburg; a costume jewelry hat from around 1950; and a Louis Comfort Tiffany lamp. *Repeated midnight.*

9:00 POV (TV-PG)
Return to Homs. Witness the transformation of 19-year-old Basset Saroot from star goalkeeper for the Syrian national soccer team to peaceful advocate to armed insurgent. *Repeated 3:30 am Wednesday; and 2 am Sunday.*

10:30 Newslines

11:00 Charlie Rose

21 Tuesday

7:00 Humanity from Space (TV-PG)
See article page 16. *Repeated midnight; and 3 am Thursday.*

9:00 Frontline
Drug Lord: The Legend of Shorty. Two filmmakers set out to interview El Chapo Guzmán, leader of one of the biggest drug cartels.

10:30 Newslines

11:00 Charlie Rose

22 Wednesday

- 7:00 Life on the Reef** (TV-PG)
Part 1 of 3. See article page 10. *Repeated midnight; 3 am Friday; 3 am Saturday; and 4 am Monday.*
- 8:00 NOVA** (TV-PG)
Why Planes Vanish. Get the inside story of the search for Flight MH370 and meet the global players who have spent months searching for the lost plane. *Repeated 1 am Thursday.*
- 9:00 NOVA** (TV-PG)
Sunken Ship Rescue. Follow the operation to secure, raise and salvage the Costa Concordia cruise ship that ran aground and capsized off the coast of Italy in January 2012. *Repeated 2 am Thursday; 4 am Friday; and midnight Sunday.*
- 10:00 Last of the Summer Wine**
- 10:30 Newslines**
- 11:00 Charlie Rose**

23 Thursday

- 7:00 Mid-American Gardener** (TV-G)
Repeated 11 am Saturday.
- 7:30 Ask This Old House** (TV-G)
Setting Up A Beehive/Adding Lighting Without New Wiring.
- 8:00 Doc Martin** (TV-PG)
The Practice Around the Corner. Mrs. Tishell returns to the village; Martin tries to determine what is wrong with beachcomber Lorna; Al and Morwenna each have an internet dating disaster, and romance is blossoming for Bert. *Repeated 6 pm Sunday.*
- 9:00 Father Brown** (TV-PG)
The Invisible Man. When a clown from a visiting circus is murdered, Father Brown must determine who the killer is and why a parishioner has agreed to marry the sinister wizard Welkin.
- 10:00 Last of the Summer Wine**
- 10:30 Newslines**
- 11:00 Charlie Rose**

24 Friday

- 7:00 Friday Night Public Affairs**
See page 12.
- 8:00 Great Performances** (TV-G)
Dudamel Conducts a John Williams Celebration with the Los Angeles Philharmonic. Violinist Itzhak Perlman is the featured performer of Williams' most noted compositions. *Repeated 1 am Saturday; and 2 am Monday.*
- 9:30 Vicious** (TV-14)
Freddie and Stuart shop for a new coat for Freddie for his fan club event; Ash seeks advice to win back his ex-girlfriend. *Repeated 2:30 am Saturday; 3:30 am Monday; and 2:30 am Friday.*
- 10:00 Last of the Summer Wine**
- 10:30 Newslines**
- 11:00 Charlie Rose**

25 Saturday

- 7:00 Antiques Roadshow** (TV-G)
Vintage Madison. *Repeated from 7 pm Monday.*

- 8:00 Britcom Saturday Night**
See page 12.
- 11:00 Front and Center** (TV-G)
Joe Satriani.

26 Sunday

- 7:00 Last Tango In Halifax** (TV-14)
Season 3. Part 5 of 6. Caroline is relieved to find that Greg is a natural with Flora and a positive influence on Lawrence; Alan begins to distance himself from Gary. *Repeated 2 am Tuesday.*
- 8:00 Poldark On Masterpiece** (TV-PG)
Part 6 of 7. A mysterious smelting company challenges the local copper barons; Poldark confronts the same cardsharp who swindled Francis. *Repeated midnight; and 3 am Tuesday.*
- 9:00 The Crimson Field** (TV-PG)
Part 6 of 6. As Joan faces a possible lifetime in prison, Kitty's wracked with guilt; as the war machine grinds on, faith, hope and love are put to the test. *Repeated 1 am Monday; and 4 am Tuesday.*
- 10:00 Globe Trekker** (TV-G)
Myanmar.
- 11:00 Music City Roots: Live from the Loveless Café** (TV-PG)
Bobby Rush and the North Mississippi All-Stars.

27 Monday

- 7:00 Antiques Roadshow** (TV-G)
Vintage Charleston. Revisit appraisals from 2000, including Newcomb College vases; Fred Meyer photographs; and a Leon Julien Deschamps bronze. *Repeated 1 am Tuesday; and 7 pm Saturday.*
- 8:00 Antiques Roadshow** (TV-G)
Vintage Columbus. Highlights include updates on a trio of Albert Cheuret art deco clocks; a Roy Rogers play set; and a historical collection that includes a Thomas Jefferson letter. *Repeated midnight; and 4 am Wednesday.*
- 9:00 POV** (TV-PG)
Tea Time. Learn how the monthly ritual of gathering for tea and pastries has sustained five Chilean women through 60 years of personal and societal change. *Repeated 3 am Wednesday.*
- 10:00 Last of the Summer Wine**
- 10:30 Newslines**
- 11:00 Charlie Rose**

28 Tuesday

- 7:00 The Bomb** (TV-PG)
See article page 1. *Repeated midnight; and 3 am Thursday.*
- 9:00 Uranium: Twisting The Dragon's Tail** (TV-PG)
Part 1 of 2. See article page 1. *Repeated 2 am Wednesday.*
- 10:00 Last of the Summer Wine**
- 10:30 Newslines**
- 11:00 Charlie Rose**

WILL-TV

29 Wednesday

- 7:00 Life on the Reef** (TV-PG)
Part 2 of 3. See article page 10. *Repeated midnight; and 3 am Friday.*
- 8:00 NOVA** (TV-PG)
Nuclear Meltdown Disaster. A look at the minute-by-minute story of the Fukushima nuclear crisis and its ongoing aftermath, told by the brave workers who stayed behind as an earthquake and tsunami crippled the plant. *Repeated 1 am Thursday; and 4 am Friday.*
- 9:00 Uranium: Twisting The Dragon's Tail** (TV-PG)
Part 2 of 2. See article page 1. *Repeated 2 am Thursday.*
- 10:00 Last of the Summer Wine**
- 10:30 Newsline**
- 11:00 Charlie Rose**

30 Thursday

- 7:00 Mid-American Gardener** (TV-G)
Repeated 11 am Saturday.
- 7:30 Ask This Old House** (TV-G)
Honey Harvesting/New Electrical Outlets.
- 8:00 Doc Martin** (TV-PG)
Hazardous Exposure. Martin's mother returns to Portwenn; Penhale spreads pandemonium throughout the village; Bert has a question for Jennifer. *Repeated 6 pm Sunday.*
- 9:00 Father Brown** (TV-PG)
The Sign of the Broken Sword. A murder at the local army barracks using a legendary broken sword leads Father Brown to investigate another death at Dunkirk some 13 years ago.
- 10:00 Last of the Summer Wine**
- 10:30 Newsline**
- 11:00 Charlie Rose**

31 Friday

- 7:00 Friday Night Public Affairs**
See page 12.
- 8:00 Virtuosity—The Cliburn** (TV-G)
See article page 11. *Repeated 1 am Saturday.*
- 9:30 Vicious** (TV-14)
Freddie suggests that Ash pursue acting; Violet seeks advice from Freddie and Stuart about her Hungarian boyfriend. *Repeated 2:30 am Saturday.*
- 10:00 Last of the Summer Wine**
- 10:30 Newsline**
- 11:00 Charlie Rose**

Photo: Courtesy of NASA



Revealing secrets about the solar system

The New Horizons spacecraft is scheduled to take detailed images of Pluto on July 14, hoping to offer a first-ever look at a realm of icy bodies lurking beyond Neptune—relics of the earliest days of the solar system's formation. If all goes well, **NOVA** will share the images in a new special, **Chasing Pluto**, at 8 pm Wednesday, July 15.

What a view!

From the perspective of space, trace humankind's journey from hunter-gatherer to dominant global species. With mind-boggling data and computer-generated images, **Humanity from Space** shows how we've transformed our planet and produced a world of extraordinary complexity. The program airs at 7 pm Tuesday, July 21.

Photo: Courtesy of DSP/HANDEL

Morefield joins Traffic department

Jerry Morefield, an on-air radio personality in Champaign-Urbana for more than 25 years, is now working to keep program transitions seamless for WILL Radio and TV. In his new role, Jerry handles a variety of responsibilities in the Traffic department, including reconciling Federal Communications Commission logs each day, and scheduling promotion and information pieces that run between

programs. He's working with Lillie Buck Duncanson, assistant director for content and continuity, and broadcast traffic specialist Dennis Campbell.

He's already a public media fan, citing **The Moth Radio Hour** (1 pm Saturdays, WILL-AM) as one of his favorite shows.

"It can be funny and thought-provoking at the same time," he said. "For PBS programs, I love anything with history, and regularly enjoy **Masterpiece**, **Independent Lens**, **NOVA** and **Nature**."

Jerry credits his time in commercial radio with getting him involved as a volunteer with a number of non-profits in the area, including the Champaign County Freedom Celebration. He was a 20-year committee member and served as the celebration's evening show host.

In addition, he was active as a master of ceremonies for events for the Greater Champaign County AMBUCS. Funds raised from the events helped build a fully accessible park in Urbana that features state-of-the-art playground equipment and a baseball/softball diamond used by the Tom Jones Challenger League for kids with disabilities.



Monticello Railway Museum

2015

Dads Ride Free on Father's Day Weekend With Paid Kid's Fare.

Ride Our Diesel Train Rides Rain or Shine on These Weekends: July 4-5; 11-12; 25-26

SteamTrain Operates Saturday & Sunday July 18 & 19 Behind Southern Railway No.401

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iPads + home Head Start kids: a match made for learning



As a follow-up to the story we featured in the February *Patterns* issue, we checked in with Champaign County home Head Start providers who received iPads and training from Illinois Public Media to learn how the PBS learning games benefitted their children. Here's what three of the six providers had to say about the resources, made possible through a grant from the Corporation for Public Broadcasting-PBS Ready To Learn (RTL) initiative.

Melissa Hall: Hall's Little Hands, St. Joseph

"We have a couple of children receiving speech services for speech delays. We can use the iPad to motivate them to speak so they can interact with the games. It reinforces the power of words for all the children, not just those in early intervention. Our communication issues have decreased quite a bit."

"The iPad is a good teaching tool for basic social skills, to teach children how to encourage each other or how to congratulate each other, too. The kids are very drawn to the iPad. They're very engaged in the games. And having a visual or character doing a silly dance keeps their attention. They're like fireflies to light."

Juanita Rogers: A Child's Compass, Urbana

"I've got various ages, like most home day care services. It's really hard to find

activities to entice the children and keep their attention. The iPad has helped the kids learn to be patient, wait their turn, and to focus their attention."

"I am going to have some of these children for four or five years. If I do the same lessons each year, the lessons are going to get stale. I'm always looking for a fresh approach. The iPad helps me bring in different resources to help them learn. I didn't know anything about using a tablet before this project, so receiving the iPad and the training helped me bring a little bit of technology into my childcare program."

Denise Jones-Torres: Watch Me Learn, Savoy (pictured above)

"I was concerned at first because some of the kids were grabby and they didn't have a lot of patience with waiting for their turn with the iPad. The apps helped me teach them how to be patient, how to take turns, how to slow down, how to listen. It's been a complete turnaround. Now they listen and they take turns."

"With the iPad, they get to play games with Elmo and other PBS KIDS characters. They think they are playing games, but they're learning. That's the beauty of the iPad."

"Since I wasn't familiar with the iPad, the training was great. I learned that you could lock a screen or put a timer on it.

Getting to know your local *Morning Edition* host

After a month on the job, Brian Moline is now accustomed to rising early to share the morning with WILL Radio listeners. We asked him to share some information about himself, and here's what he had to say.

What have you learned from being part of the C-U area media community for 15 years?

I've been able to learn from some of the best media professionals in our community. It would be impossible to name everyone, but working with news veterans like Dave Shaul, Carol Vorel and Ed Kelly has given me great insight into what it takes to produce quality stories and newscasts. At the same time, I've been able to observe from afar the in-depth news and information that WILL and NPR are able to share with their listeners each day. My goal is to combine the best of both of those worlds for listeners of **Morning Edition** on WILL.

What are the specific topics or issues that really speak to you? Education is a very important part of my life in many ways. I'm married to a wonderful K-5 music teacher, so I hear daily about the opportunities and challenges teachers experience in the classroom. Also, although I've been out of school for more than 15 years, I still consider myself a student. I try to learn something new every day and hope to learn along with our listeners when sharing stories with them.

The arts, and music specifically, have also had a huge impact on me. I've played the trombone since I was 10, though not as frequently these days as I once did. I enjoy a wide variety of music from classical to jazz, rock to bluegrass, and many genres in between. I still share a bond with many people with whom I've created music over the years, though we have little else in common. I feel like the arts can be a common bond to build bridges between



people who otherwise would never connect.

What are your “can’t-miss” NPR and PBS programs? I'm a longtime listener of both **Morning Edition** and **All Things Considered**. I learn something new every time I listen. As someone who enjoys word games, I've also enjoyed **Says You** for many years. Like all of the show's fans, I was deeply saddened at the passing of host and

creator Richard Sher, but I am hopeful that **Says You** will continue as Richard wished. As for PBS, I can't pass up any documentary that Ken Burns creates. My wife and I are also devoted **Downton Abbey** fans, and I try to catch as many **Frontline** programs as time allows.

What do you enjoy beyond your work life?

I am an avid reader. My favorite fiction authors are James Lee Burke, Michael Connelly and Lee Child, and I never miss a novel by any of them. I also enjoy reading non-fiction books about history and politics.

I'm an active member of the Second Wind Running Club in Champaign-Urbana and have run eight half marathons over the past six years. I also enjoy playing softball and am currently playing on a couple of teams through the Champaign Park District.

My wife Karinsa and I are active members of Prince of Peace Lutheran Church in St. Joseph, where I direct the adult choir.

You're active on social media. What do you like best about that form of communication? Social media is direct, and it's immediate. If listeners have strong feelings about something they've heard on the air, they can react to it in seconds. It also gives hosts the opportunity to interact with listeners and help build a relationship that keeps that listener coming back for more each day.



Mugging for the camera

Here's to you, whether you're a new member of the Friends of WILL or have been with us for years! It's fun to see the many versions of our official merchandise mug together in one place...celebrating the more than 40 years of this dedicated group

of individuals from across central Illinois. What does *your* WILL mug look like? Post a photo to Instagram or Twitter and tag @willpublicmedia. Thanks for your support of public media and the WILL stations.

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Summer fun for everyone

We've mentioned it before, but it's worth saying again...we appreciate your support of the organizations that support Illinois Public Media. This time, we've got ideas to make your summer even better.

Champaign Park District

Classes, camps, movies and more
706 Kenwood Rd., Champaign
217-398-2550
champaignparks.com

Champaign Public Library

200 W. Green St., Champaign
217-403-2000
champaign.org

Decatur Celebration

30th anniversary, Aug. 6-9
160 E. Main St., Decatur
217-423-4222
decaturcelebration.com

Illinois Shakespeare Festival

c/o Illinois State University, Normal
309-438-8974
thefestival.org

Little Theatre on the Square

16 E. Harrison, Sullivan
217-728-7375
littletheatre.org



Mid-American Gardener...live

For the first time in its history, **Mid-American Gardener** enjoyed a studio audience. Thanks to all of the show's fans who spent their afternoon with host Dianne Noland and WILL's interim chief operations officer Bob Culkeen, learning more about plants and planning, before joining us in the WILL-TV studio for the show.

And big thanks to the following corporate support partners for helping to make it all possible!

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JULY

- 2 Krannert Uncorked with The Modern Brazilian Quintet with Elis Artz
- 9 Krannert Uncorked with Mark McKnight and Friends
- 16 Krannert Uncorked with Wildwood, bluegrass

- 17 OUTSIDE at the Research Park: Kilborn Alley Blues Band with special guests Corey Dennison and Gerry Hundt with opening act James Jones Trio
- 18 PechaKucha Night
- 23 Krannert Uncorked with Bruiser and the Virtues, jump blues/hot swing



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