

PETER BYCK

Professor of Practice, Director, Producer, Writer, Editor, Public Speaker

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ACADEMIC APPOINTMENTS

2013-Present Arizona State University: Professor of Practice, School of Sustainability; Professor of Practice, Walter Cronkite School of Journalism and Mass Communications; Senior Sustainability Scientist, Julie Ann Wrigley Global Institute of Sustainability

TEACHING

Arizona State University, 2013-present
SOS 498/594, JMC 494/MCO 598 – Sustainability Storytelling: Short-Form Documentary
Students from the Schools of Sustainability and Journalism produce short documentaries with a sustainability theme. In the 1st 5 years, 6 films have been nominated for the Rocky Mountain Emmy, and 3 have won.

Sampling of Student Films:

[Garden City](#) – Rocky Mtn Emmy nominated – 2014 – 5 minutes
[Thicker than Water](#) – Rocky Mtn Emmy-winner – 2015 – 5 minutes
[Tres Rios](#)– A Constructed Wetland - Rocky Mtn Emmy nominated – 2016 – 5 minutes
[Camels Don't Fly, Deserts Don't Bloom](#) - Rocky Mtn Emmy nominated – 2016 – 15 minutes
[Manzo Elementary](#) - Rocky Mtn Emmy winner 2017 – 6 minutes
[Concrete Change](#) - Rocky Mtn Emmy nominated; Winner, SMJ Mark of Excellence Region – 5 minutes

Smithsonian ConCom Symposium, Smithsonian Environmental Research Center, MD. 2019
Youth Economic Summit (YES,) Germany. 2017 & 2019.
UC Davis - Department of Land, Air, and Water Resources at UC Davis. 2016. Soil Storytelling Seminar
Metcalf Institute for Marine and Environmental Reporting, Graduate School of Oceanography, University of Rhode Island. 2010. Guest lecturer.
South Carolina Arts Commission, 1990, 1991, 1992
One week intensive workshop in music video production; culminating with an original music video created by a team of students.

RESEARCH

Currently leading a \$6.3 million research project focused on Adaptive Multi-Paddock (AMP) grazing; collaborating with 20 scientists and 10 ranchers, focused on soil health & soil carbon storage, microbial/bug/bird biodiversity, water cycling and much more. Byck has currently completed a feature-length documentary (in 10 parts) focused on regenerative grazing: www.carboncowboys.org and is in production on a long-form documentary on the AMP grazing research project.

OTHER RELEVANT WORK EXPERIENCE

- 2013 – present [Adaptive Multi-Paddock \(AMP\) Grazing Research](#) – Principal Investigator
Collaborating with [scientists](#) from Texas A&M, Michigan State, New Mexico State, Colorado State, University of Illinois, University of Arkansas, University of Exeter, Shell Oil, ExxonMobil. Developing and executing a large systems Science research project on 10 farms in the Southeast US.
- 2008-present Public Speaker on Climate Change, Soil Health and Environmental Issues change solutions
- 2008-2012 Director, Producer, Editor: *Carbon Nation* – documentary about climate change solutions.
- 2013 – 2015 Project Meadowlark – Shell GameChanger – leading research team to create business and scientific case for research on Adaptive Multi-Paddock (AMP) grazing.

EDUCATION

BFA, Fine Arts, California Institute of the Arts, 1986

AWARDS (for films)

Soil Carbon Cowboys

Gold Remi Award for Documentary Short, World Fest - Houston Film Festival, 2016

Carbon Nation

Winner, IVCA Clarion Chairman's Award, 2011

Nominated, EMA, Best Documentary, 2011

Winner, Green Me Global Festival, Berlin, Grand Jury Prize, 2017

Garbage

Winner, Best Documentary, South by Southwest Film Festival, 1996

One Hundred Thousand Beating Hearts

Winner, Best Short Documentary, Cleveland International Film Festival, 2017
Winner, Best AZ Short Documentary, Phoenix Film Festival, 2017
Winner, Best Short Documentary, Philadelphia Environmental Film Festival, 2017
Winner, Best Short Documentary, Macon Film Festival, 2017
Winner, Best Short Documentary, Oxford Film Festival, 2017
Winner, Audience award for Best Short Documentary & Special Jury Commendation for Best Short Documentary, Port Townsend Film Festival, 2017
Winner, Prize for Environmental Advocacy, Ekotopfilm – Envirofilm 2017
Honorable Mention, Salute Your Shorts Fest, 2017

AWARDS

(Peter Byck)

Wild & Scenic Festival John de Graaf Environmental Filmmaking Award

GRANTS (partial list)

Foundation for Food and Agriculture Research – 2018 to 2019
McDonald's – 2018 to 2019
Exxon – 2019 to 2019
Wrangler - 2018
Timberland - 2018
Shell GameChanger – 2014 to 2016
Thornburg Foundation – 2014
Jim and Paula Crown – 2013 to 2019
The Rodel Foundation – 2013 to 2018
The World Bank – 2013
Sara and Evan Williams Foundation – 2012
Seabury Foundation – 2010
Lemelson Foundation – 2010
Peggy and Henk Sharpe – 2009-2012

PEER REVIEWED PUBLICATION:

[The role of ruminants in reducing agriculture's carbon footprint in North America](#) - 2016

W.R. Teague, S. Apfelbaum, R. Lal, U.P. Kreuter, J. Rowntree, C.A. Davies, R. Conser, M. Rasmus- sen, J. Hatfield, T. Wang, F. Wang, and P. Byck

FILMOGRAPHY

Feature Documentaries

Carbon Nation, 2010. Earth School Educational Foundation, Inc. [Editor, writer, producer, director, cinematographer]. Website: <http://www.carbonnationmovie.com/> Trailer on site
Garbage, 1996. Independent [Director, editor, writer, producer, cinematographer]

Short Documentary Films * produced in collaboration with ASU.

- *[*Herd Impact*](#), 2019. Earth School Educational Foundation, Inc. [Writer, producer, director, camera] (23:26)
- *[*Time Will Tell*](#), 2019. Earth School Educational Foundation, Inc. [Writer, producer, director, camera] (11:57)
- *[*This Farm is Medicine*](#), 2018. Earth School Educational Foundation, Inc. [Writer, producer, director, camera] (9:14)
- *[*During the Drought*](#), 2017. Earth School Educational Foundation, Inc. [Writer, producer, director, camera] (12:00)
- *[*I Sell Water & Sunshine*](#), 2017. Earth School Educational Foundation, Inc. [Writer, producer, director, camera] (13:00)
- *[*Givers and Takers*](#), 2017. Earth School Educational Foundation, Inc. [Writer, producer, director, camera] (19:21)
- *[*A Fence and an Owner*](#), 2017. Earth School Educational Foundation, Inc. [Writer, producer, director, camera] (9:39)
- *[*One Hundred Thousand Beating Hearts*](#), 2016. Earth School Educational Foundation, Inc. [Writer, producer, director] 15 minutes.
- *[*The Luckiest Places on Earth*](#), 2016. Earth School Educational Foundation, Inc. [Writer, producer, director, camera] (25:00)
- *[*Hybrid Law*](#), 2016. Earth School Educational Foundation, Inc. [Writer, producer, director, camera]
- *[*Soil Carbon Curious*](#), 2015. Earth School Educational Foundation, Inc. [Writer, producer, director] 6 minutes.
- *[*Soil Carbon Cowboys*](#), 2014. Earth School Educational Foundation, Inc. [Writer, producer, director, editor] (12:21)
- [*Louisville Waterfront Park – An Uncommon Commons*](#), 2012. Smithsonian Museum. [Writer, producer, director, editor] (11:30).

Short Narrative Films – Director, Producer, Writer, Editor

I-Nasty, 2007. pbfm.

[*Ralph the Roadie*](#), 1998-2001. pbfm.

Feature Films - Editor

Borderline, 2002. HBO [Editor, additional second unit director]

Paper Cut, 2002. Blairmore Pictures. [Editor]

Television – Producer, Presenter

Brain Trust, [2019](#). Pilot with Van Jones

DVD Bonus Material

Bringing Movies to Life: The Legacy of Jerry Goldsmith, 2007. 20th Century Fox Home Entertainment. [Editor]

Recreating the Eighth Wonder: The Making of ‘King Kong’, 2006. Pellerin Multimedia Inc. [Editor, segment producer]

Skull Island: A Natural History, 2006. Pellerin Multimedia Inc. [Editor, writer]
Kong's New York, 1933, 2006. Pellerin Multimedia Inc.. [Editor, writer]
The Matrix Revisited, 2001. Warner Brothers. [Editor]
Lost & Found, 1995. A&E. [Editor]
West Wing DVD-1st, 2nd, 3rd Seasons, 2007. Warner Home Video. [Editor]
ER, 3rd & 4th Seasons, 2007, Warner Bros. [Editor]
The Good Shepherd – NCM Reel (trailer), 2006. Universal [Editor]
Documentary for Peter Jacksons “Lord of the Rings, Return of the King,” 2006. New Line
Cinema [Editor]
Buena Vista: Scrubs, 2005, Season 2, 2 DVD, Bonus material [Editor]
Matrix-Revisited, 2001. Warner Bros. [Editor]
Warner Bros.:, 2000. Cats & Dogs Promo [Editor]

TV Pilot

Comics On Delivery (Pilot), 2012. Comedy Central. [Editor]

Commercials – Editor (Partial list)

Honda: Love Me.

Acura: many.

Seafirst Bank: Zak/Cece.

Altus: Sun/Bob.

Music Videos (Partial list)

“Friends of P,” 2005, The Rentals, Maverick - Editor

“Another Sunny Day 12/25,” 1994, John Cougar Mellencamp, Mercury - Editor

“Wild Night, 1994, John Cougar Mellencamp, Mercury - Editor

“Whoops Now,” 1993. Virgin, Janet Jackson - Editor

“Daylight,” 1992, Dillon Fence, Mammoth Records - Editor

“If You Have Ghosts,” 1990. John Westley Harding, Sire – Director, Producer, Editor

“She Lives,” 1990. The Judybats, Sire – Director, Producer, Editor

“Ffun,” 1989, Big Lady K, Priority Records – Director, Producer, Editor

“Music Is Death,” 1995. Spinach – Director, Producer, Editor

“Slip Inside” 1990. Primal Scream, Sire – Director, Producer, Editor

“Gun” for Jim Rose Circus, 1993. Soundgarden, American - Editor

Long Form, Television

ESPN, Sidelines, 2001. – Segment Producer

MTV: 1997-1999. Drew Barrymore: An MTV Movie Special; Will Smith: Enemy of the State
Special; X-Files Movie Special; Sliding Doors with Gwyneth Paltrow; Cage/Travolta: An
MTV Movie Special

Lou Adler: A Gathering for John Phillips – pbfm

Dishwalla: 1998. In the Studio, A&M Records: Second Album

Lifetime: 1995. The Men's Room

Dwight Yoakam: 1992. MODA Award for Manuel

Frank Gehry: 1991. EMR Germany, Walt Disney Concert Hall

JudyBats in Knoxville: 1990. Sire Records

AMC: Movies At Our House, 2002-2004

Paramount Pictures: 1999. M:I-2 – TBS Special; Shaft – TBS Special
TNT: 1996. Inside the Academy awards
VH1: 1996. Letter to Jakob, Andy Gibb, EAGLES Family Tree: A Documentary
FX/New Line: 1995. Lost & Found
Tenth Planet Productions: 1993. Rolling Stone Year In Review
Norman Lear Television: 1990. Business Enterprise Trust Awards

Very Short Documentaries - 1995

Eddie & Carl; Dumpster Diver, Gunman

Public Service Announcement - 1991

AIDS PSA: Aids Project Los Angeles

FILM AND CULTURE CRITIC - PRINT

The Courier-Journal, Sundance Film Festival, 1999-2007, Writer, Critic.
Indiewire, Sundance Film Festival, 1998-2001.[Writer, critic at large]

PUBLICITY

TV and Radio Appearances

Real Time with Bill Maher, August 17, 2012 and April 12, 2013. On Vimeo:

<https://vimeo.com/66145213>

'Carbon Nation' Tackles Climate Change, *By Ignoring It*, Science Friday, National Public Radio, August 24, 2012. On Science Friday website:

<http://www.sciencefriday.com/guests/peter-byck.html#page/full-width-list/1>,

Articles About

Harris, Brandon. Peter Byck, Carbon Nation, Filmmaker Magazine, Feb. 9, 2011.

PUBLIC SPEAKING from 2008 – present (partial list)

Al Gore's Climate Underground Conference – October 2019

VERGE 19 Conference

GRSB

Expo West

FFAR Foster Our Future

Exxon

Smithsonian

McDonald's

Timberland

BEA Conference

The Nature Conservancy – Utah, Arizona, Colorado

Unilever

Noble Research Institute
Quivira Conference
C-AGG
United States Military Academy West Point
House of Commons, United Kingdom.
Greenbiz Forum (Multiple Years)
The World Bank
Savory Conference
Aspen Ideas Festival
C-AGG Sacramento
American Association for the Advancement of Science
Shell - London, The Hague, Houston, Canada
GCEP at Stanford University
Grassfed Exchange Conference
ACORE International Programs U.S.-Canada Roundtable
Chicago Council Ag Conference
New America Foundation: soil carbon cowboys presentation w/ Allen Williams
McDonald's
TNC Grasslands
ASU/AMERESCO/RMI Climate
US Embassies, United Kingdom, Scotland, Ireland, Germany
Garden Clubs of America
Global Conference of Agriculture, Food and Nutrition Security and Climate Change, South Africa
Chicago Ideas Week (CIW) - Speaking Engagement
WRI - New Innovators Council
USGBC Green Gala Event
Ceres Conference
Urban Land Institute
Tetra Pak, Vienna.
Screening and Q&A for Carbon Nation (selected)

- Shell, Houston and The Hague.
- Carbon War Room, Richard Branson, Washington, D.C.
- Carbon War Room, Richard Branson, London, UK.
- AREDAY
- Art Center, Pasadena
- Boeing, Seattle.
- Carbon Trade Ex
- Conservation International
- Duke University.
- Facebook.
- The Green Awards.
- Google HQ.
- Louisville Fund for the Arts
- McDonald's

- Metcalf Institute @U of R.I.
- Microsoft
- NetImpact
- Nike, Beaverton, Oregon
- PEW-BICEP
- Prince Charles' B.E.P. program @ Cambridge University
- Rhode Island School of Design
- Robert Swan's 2041 Voyage for Cleaner Energy, Antarctica.
- SC Johnson.
- Shell
- Social Venture Network
- St. Gobain
- Stonyfield
- TetraPak
- U.S. Consulates in Scotland, Ireland, and Germany
- Walmart.com
- White House, Council on Environmental Quality
- Yale University

Theatrical World Premiere of Carbon Nation, with Q&A, Film Society of Lincoln Center, Greater New York City Area. 2011.

Vetting screening of Carbon Nation

- White House Council on Environmental Quality, 2009

BOARDS

Earth School Educational Foundation, Inc., dba Carbon Nation, 2007 – ongoing

Project Drawdown, 2016 – ongoing

Speed Art Museum, Board of Governors; 2015-2016

Louisville Science Center, 2010-2013.

PROFESSIONAL ORGANIZATIONS

U.S. Roundtable for Sustainable Beef – 2016 - ongoing