
Thomas Yulsman

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EDUCATION

Graduate Degree

M.S. in Journalism, 5/80

Columbia University Graduate School of Journalism

Undergraduate Degree

B.A. in Environmental Studies, 5/77

Harpur College, State University of New York at Binghamton. Emphasis in environmental journalism

ACADEMIC POSITIONS HELD

Faculty Positions

Professor, 8/13 to present

Journalism, University of Colorado at Boulder

Associate Professor, 8/96 to 8/13

Journalism & Mass Communication, University of Colorado at Boulder

Senior Faculty Member, 1999 to 2015

Environmental Studies Program, University of Colorado at Boulder

Adjunct, New York University, 9/81 - 6/82

Guided student study programs in the Gallatin Division for Individualized Study; advised on major writing projects, graded final papers and oral exams.

Administrative Positions

Director, Center for Environmental Journalism, 6/13 to present

The CEJ enriches public understanding of environmental issues by elevating the quality, range and depth of coverage by journalists. The center focuses on student education, professional development of working journalists, and production of original journalistic content.

- *Prime areas of administrative oversight:* Staff, budget, and programs, including environmental journalism emphasis in the JMC graduate program, the Ted Scripps Fellowships in Environmental Journalism, and The Water Desk. As part of these responsibilities I oversee organizing symposia and seminars; planning weekly seminars and regular field trips for the Scripps program; selection, onboarding and support of Scripps Fellows; planning and administration of all aspects of The Water Desk; planning and administration of new and existing CEJ initiatives, programs and projects; outreach to the CU campus and coordination with other university programs; outreach to the environmental journalism professional community in the U.S. and abroad; the CEJ Web site.

Director, Graduate Certificate in Environment, Policy and Society: 1/1/09 to 1/31/19

Oversaw administrative details of the program, including planning, curriculum and course approvals, student affairs, and coordination with academic units. The certificate provided an interdisciplinary specialization for students in M.A., Ph.D., and J.D. programs at CU-Boulder and formed the basis for the environmental emphasis within the JMC master's program. (Note: the certificate was phased out in 2019)

Co-Director, Center for Environmental Journalism, 6/03 to 6/13

Shared oversight of CEJ administrative duties with Prof. Len Ackland, now retired.

News-Editorial Sequence Head, CU SJMC 8/04 through 12/08

Handled administrative duties for the News-Editorial Sequence in the School of Journalism & Mass Communication, including faculty course assignments, undergraduate admissions to the sequence, implementation of sequence policies and procedures, and the training and coordination of adjuncts and instructors. Provided liaison between News-Editorial faculty and administration of the school, and leadership within the sequence during curriculum revision. Performed outreach with the professional journalism community.

RESEARCH & CREATIVE WORK SINCE 1996

Books

1. Yulsman, T. (2002). *ORIGINS — The Quest for Our Cosmic Roots*. Bristol, Princeton, Institute of Physics Publishing (377 pages). Chronicles latest findings on the origin of the universe, galaxies and clusters, solar systems and life, and profiles scientists involved in this cutting-edge work. (Finalist for Colorado Book Award.)

Articles, Radio, Academic Papers

1. Yulsman, T. (2024), "Why Was Earth's Climate so Warm and Weird in 2023?," two-part series (2,750 words total) examining 2023's record-shattering heat and escalating weather extremes. <http://tinyurl.com/25dwnws6> and <http://tinyurl.com/4hwp5s5v>
2. Yulsman, T. (2023), "The Year of Global Weirding," plus side bar: "Icy Trouble in Antarctica." *Discover*, Jan/Feb 2024 (published Dec., 2023), pp 34-35 (~1,000 words). Article for the science magazine's annual State of Science issue on climate change and extreme weather.
3. Yulsman, T. (2023), "The Cryosphere Is Crying out to Us. We Should Pay Attention," *Discover*, published online in my ImaGeo column, Oct. 4, 2023. A 1,300-word article

analyzing the causes and significance of sea ice declines and debunking climate-change denier myths. <https://bit.ly/4be07kh>

4. Yulsman, T. (2023), "Want to Understand This Summer's Heat? Imagine 800,000 Hiroshima Atom Bombs Exploding Every Day," Discover, published online in my ImaGeo column, Aug. 17, 2023. A 1,050-word article examining record shattering global heat in July, at the time the hottest month out of 2,076 since modern record-keeping began. <https://bit.ly/3OoTke1>
5. Yulsman, T. (2023), "With Temperature and Other Climate Extremes Shattering Records, Should We Call it 'Global Boiling'? 'Weirding'? Or...?," Discover, published online in my ImaGeo column, July 31, 2023. A 3,750-word article examining the impact of "doomist" rhetoric on motivating action on climate change, featuring interviews with seven experts. <https://bit.ly/495plhw>
6. Yulsman, T. (2023), "The World May Be on the Verge of Very Significant Warming," Discover, published online in my ImaGeo column Feb. 23, 2023. A 1,100-word article on the possibility that global warming will reach a new high in 2023. <https://bit.ly/47Vod0k>
7. Yulsman, T. (2023), "With La Niña Poised to Leave the Stage, is El Niño Now Waiting in the Wings?," Discover, published online in my ImaGeo column Feb. 5, 2023. A 1,000 word article on a possible transition from a cooling La Niña climate phase to a warming El Niño phase, and forecast impacts. <https://bit.ly/3w5EyCg>
8. Yulsman, T. (2022), "U.S. Passes Historic Climate Act," plus side bar, Discover, Jan/Feb 2023 (published in 2022), pp 62-63 (1,000 words), an article on the first major U.S. environmental law since 1990, designed to reduce greenhouse gas emissions. Story for the science magazine's State of Science issue.
9. Yulsman, T. (2021), "The Death of Climate Denial?," Discover, Jan/Feb 2022 (published in 2021), pp 36-38. A 1,100-word article exploring whether scientific findings and extreme weather is leading to the decline of denial of climate change. Story for the science magazine's annual State of Science issue.
10. Yulsman, T. (2021), "All Time Dry," Discover, Jan/Feb 2022 (published in 2021), pp 40-41. A story for the science magazine's annual 'State of Science' issue exploring the megadrought afflicting the Colorado River Basin and surrounding region.
11. Yulsman, T. (2020), "The World's Biggest Polar Expedition," Discover, Jan/Feb 2021 (published in 2020), pp 41-43. A 1,000-word article on MOSAiC, one of the most important scientific expeditions ever undertaken in the Arctic. Story for the science magazine's annual State of Science issue.
12. Yulsman, T. (2020), "A Glimmer of Hope For Global Emissions," Discover, Jan/Feb 2021 (published in 2020), p. 59. Story for the science magazine's annual State of Science issue.
13. Yulsman, T. (2019), "Climate Beast," Teknisk Ukeblad, Jan. 22, 2019. A 1,000-word reported commentary about the need to focus on adaptation to climate change, published in a Norwegian magazine focusing on science and technology. <https://fagpressenyt.no/artikkel/klimabeistet-truer-europa>

14. Yulsman, T. (2017), "On Thin Ice," bioGraphic, May 31, 2017. A 5,000-word feature combining science and geopolitics with a narrative about scientists who froze their research vessel into Arctic sea ice in a daring venture to make first-ever observations in the dead of winter. <http://www.biographic.com/posts/sto/on-thin-ice>
15. Yulsman, T. (2017), "The Arctic in the Age of Trump," Dagbladet, Jan. 25, 2017. A 1,500-word analysis commissioned by one of Norway's largest newspapers and published during the 2017 Arctic Frontiers conference in Tromsø and just after the inauguration of President Trump. <http://bit.ly/2ntASDw>
16. Yulsman, T. (2016), "Parched California Tries to Grab Storm Water Before it Escapes", Scientific American, March 10, 2016. A commissioned feature article on an innovative experiment aimed at recharging California's aquifers, which have been severely depleted thanks to the worst drought in the state in as many as 1,200 years. <http://bit.ly/2jgTbN6>
17. Yulsman, T. (2015), "The Shifting Polar Paradox" ("Paradoksene med global oppvarming"), Nord24, Jan. 19, 2015. A commissioned 1,000-word preview of the Arctic Frontiers conference in Tromsø, Norway, for a Norwegian news organization. http://www.nord24.no/The_Shifting_Polar_Paradox_Fordelene_med_global_oppvarming_-5-32-13320.html (Expanded version published at Discover magazine ImaGeo blog: <http://blogs.discovermagazine.com/imageo/2015/01/19/shifting-polar-paradox/>)
18. Yulsman, T. (2015), "Climate Change is Not in Hibernation," #2 in Top 100 Stories of the Year, Discover Magazine, Year in Science 2014 special issue, Jan/Feb, vol. 36, issue 1, p. 11.
19. Yulsman, T. (2015), "West Antarctic Ice Sheet Collapses," side bar to #2 article for Discover Magazine's Year in Science 2014 issue, Jan/Feb, vol. 36, issue 1, p. 11.
20. Yulsman, T. (2014), "CO2 Hits 400 ppm — Does it Matter?" #3 in Top 100 Stories of the Year, Discover Magazine, Year in Science 2013 special issue, Jan/Feb, vol 35, issue 1, p. 14.
21. Yulsman, T. (2014), "The Colorado Deluge," #60 in Top 100 Stories of the Year, Discover Magazine, Year in Science 2013 special issue, Jan/Feb, vol. 35, issue 1, p. 64.
22. Yulsman, T. (2014), "The Colorado River in Drought's Grip," #67 in Top 100 Stories of the Year, Discover Magazine, Year in Science 2013 special issue, Jan/Feb, vol. 35, issue 1, p. 70.
23. Yulsman, T. (2013), "On the Ground in Colorado: Digging Out After the Deluge," feature article for Time magazine, Sept. 18, 2013. Online publication only: <http://ti.me/17KmgkU>. Written with reporting help from Michael Kodas and graduate student Christi Turner.
24. Boykoff, M., Yulsman, T. (2013), "Political economy, media, and climate change: sinews of modern life," Wiley Interdisciplinary Reviews: Climate Change. Vol. 4, Issue 5, pp. 359-371. Published online first, May 30, 2013. DOI: 10.1002/wcc.233
25. Yulsman, T. (2012), "Western Fires: Payback Time?," article for The Daily Climate, June 29, 2012. Online publication only: <http://bit.ly/LFx36z>. Syndicated in at least two other publications:

- Scientific American: “Fire Deficit May Trigger Fiercer Fires”
<http://bit.ly/NLJ1se>
 - Climate Central: “Western Wildfires: Is it Time to Settle Some Debts?”
<http://bit.ly/NOYYhu>
26. Contributor, “How on Earth,” KGNU Radio, Boulder, July 2010 to present. Volunteer writer, executive producer, interviewer, and on-air co-host for KGNU’s weekly ~30-minute science show. Worked with local science and environmental journalists to upgrade quality and professionalism of the program, and to involve JMC students. I have conducted more than 10 major interviews and participated in more than a dozen radio programs.
 27. Yulsman, T. (2011), “Climate Change Tempers Good News About Colorado River Basin Water Supply,” feature article for Climate Central, July 13, 2011. Online publication only: <http://bit.ly/odabdf>
 28. Yulsman, T. (2011), “Greenhouse Gas Emissions Heading in the Wrong Direction,” for Climate Central, June 6, 2011. Online publication only: <http://bit.ly/jDPDOc>
 29. Yulsman, T. (2011), “Looking to the Tropics for Drought Relief,” for Climate Central, May 27, 2011. Online publication only: <http://www.climatecentral.org/news/looking-to-the-tropics-for-drought-relief/>
 30. Yulsman, T. (2011), “Building to the Future,” feature article for Climate Central, May 19, 2011. Online publication only: <http://bit.ly/j1ksYG>
 31. Yulsman, T. (2011), “In the Curve: Monitoring Rising Carbon Emissions,” feature article for Climate Central, Feb. 28, 2011. (Online publication only: <http://bit.ly/JTtbw3>)
 32. Yulsman, T. and Bosworth, B. (2011), “Running Toward Empty,” series of two feature-length articles for Climate Central, Jan. 18, 2011. Co-written with JMC master’s student Brendon Bosworth. (Online publication only: <http://www.climatecentral.org/news/running-toward-empty/>)
 33. Yulsman, T. (2010), “How Will We Know if 2010 Was the Warmest Year on Record?,” feature article for Climate Central, Dec. 21, 2010. (Online publication only: <http://bit.ly/dFQlqZ>)
 34. Yulsman, T. (2011), “Warmest November on Record, NASA Data Show,” blog post for Climate Central, Dec. 10, 2011. (Online publication only: <http://bit.ly/Jd1iS3>)
 35. Yulsman, T. (2009), “7 Tips for Covering Climate Change,” article for Poynter Online, Dec. 12, 2009. (Online publication only: http://www.poynter.org/content/content_view.asp?id=174746)
 36. Yulsman, T. (2009), “Covering Climate Change,” News University, published online by the Poynter Institute in conjunction with Internews. Nov. 30, 2009. (<http://www.newsu.org>) Content creator for multimedia online course on covering climate change targeted at journalists and other communicators. Features near-book-length content on the science of climate change, plus attendant policy and communication issues. Worked with Web designer to create interactive features such as games, quizzes and polls to present complex material in an engaging format.

37. Yulsman, T. (2009), "Coming to a Political Beat Near You: Policy Wars Over Global Warming," Nieman Reports (publication of the Nieman Foundation for Journalism at Harvard), Spring 2009. (Published in print and online; <http://www.nieman.harvard.edu/reportsitem.aspx?id=100985>)
- Yulsman, T. (2008 & 2009), "The Open Notebook Project," CEJournal. (http://www.cejournal.net/?page_id=598) and cross-posted by Nieman Reports (<http://www.nieman.harvard.edu/reportsitem.aspx?id=100986>) This material formed the research basis of the feature article in Nieman Reports. An interactive project consisting of five articles published online at the Center for Environmental Journalism weblog. Based on interviews with journalists and scientists. (Material also used in "Covering Climate Change" course listed above.)
38. Yulsman, T. (2007), "Grass is Greener," Audubon magazine, v. 109 no. 5, Sept./Oct. 2007, p. 80-86. (Published in print and online: <http://www.audubon.org/magazine/september-october-2007/the-virtues-switchgrass-alternative>) Feature article on biofuels, focusing on the prospects for cellulosic ethanol made from prairie grasses, agricultural wastes and other woody materials.
- Yulsman, T. (2007), "Brewing a Better Ethanol," Audubon magazine online, Sept./Oct. 2007 (Published in print and online: <http://www.audubonmagazine.org/features0709/energy-webexclusives.html>). Text side bar to "Grass is Greener." (See above.)
39. Dodson, L. and Yulsman, T., (2007), "Brewing a Better Ethanol" (video), Audubon magazine online, Sept./Oct. 2007 (<http://audubonmagazine.org/features0709/energy-webexclusives.html>). Co-creator of 5-minute video to accompany "Grass is Greener" feature article online. (See above.)
40. Yulsman, T. (2006), "Snow Daze," Audubon, Jan., 2006: Article on the ecological benefits of avalanches, with accompanying information on the science of the slides themselves. Selected as a notable article, "Best American Science and Nature Writing 2007". (Published in print and online: <http://www.audubonmagazine.org/truenature/truenature0601.html>)
41. Contributing writer, "Transforming Energy," documentary by filmmaker Chuck Davis about solutions to climate change. Premiered at Boulder Theater, 9/5/06. (Preview: http://www.throughlineproductions.com/reviews/rev_te.html)
42. Yulsman, T. (2003), "Meltdown." Audubon, Dec. 2003, Vol. 105, No. 4, pp. 38-44. Article on vanishing glaciers and the resulting ecological impact. (Published in print and online: <http://www.audubonmagazine.org/truenature/truenature0312.html>)
43. Jobe, M., Yulsman, T. (2002), "Environmental Resources on the Web." Searchable online database and directory of Web-based environmental information. Prof. Jobe and I designed the database and supervised the work of three graduate students, who worked with us to construct it. (No longer available online.)
44. Yulsman, T. (2001), "In Search of Fresh Fall." Astronomy, March, Vol. 29 Issue 3, pp. 48-53. Feature article on a meteorite impact and what scientists learned about the origin of the solar system from the fallen fragments.

45. Yulsman, T. (2000), "Lost in the Outback." *Current Science*, September. 22, Vol. 86 Issue 2, p.12-13. Feature article on the natural history of the Bungle Bungle region of Australia.
46. Yulsman, T. (1999), "Twisted Trees." *Audubon*, Nov./Dec., Vol. 101 Issue 6, pp. 30-35. Feature article on the ecology of the timberline ecotone.
 - Yulsman, T. (1999), "Rusting Trees." *Audubon*, Nov./Dec., Vol. 101 Issue 6, p. 35. Side bar on the blister rust pathogen devastating white bark pine in the West.
47. Yulsman, T. (1999), "Give Peas a Chance." *Astronomy*, September, Vol. 27 Issue 9, pp. 38-46. Cover feature article on Stephen Hawking and Neil Turok's "pea instanton" theory of the origin of the universe.
48. Yulsman, T. (1998), "The Day the Sea Stood Still: Ancient Eruptions, Global Warming and Mass Death." *The Washington Post*, September 9, pp. H1 & H6-H7 (~3,200 words). Feature article on the most dramatic sudden episode of global climate change in Earth's history. (Published in print and online: <http://www.washingtonpost.com/wp-srv/national/horizon/sept98/sea.htm>)
Reprinted:
 - Yulsman, T. (2000), "The Day the Sea Stood Still." *Current Perspectives in Geology*, Brooks-Cole, (McKinney, McHugh and Meadows eds), pp. 164-166.
 - Yulsman, T. (1999), "The Day the Sea Stood Still Part 1." *Geotimes*, Feb., Vol. 44 Issue 2, pp. 14-17. (Note: *Geotimes* is a monthly journal of the American Geological Institute.)
 - Yulsman, T. (1999), "The Day the Sea Stood Still Part 2." *Geotimes*, Feb., Vol. 44 Issue 3, pp. 16-18.
49. Yulsman, T. (1998), "Mammals and Warmth." *The Washington Post*, September. 9, p. H7. Article on how global warming 55 million years ago spurred the evolution of our primate ancestors.
50. Dowling, C. G. & Yulsman, T. (1998), "The Best Lawn." *This Old House*, May, pp. 124-131. Feature on ecologically responsible lawn care.
Reprinted: Dowling, C. G. & Yulsman, T. (1998), "Gorgeous Organic Grass." *News & Observer*, June 20, p. E. 2.
51. Yulsman, T. (1998), "From Pebbles to Planets." *Astronomy*, February, Vol. 26 Issue 2, pp. 56-62. Feature article on the origin of planets.
52. Yulsman, T. (1998), "Seismic Mystery Down Under." *Earth*, February, Vol. 7 Issue 1, pp. 20-21. News feature about a possible test of a nuclear weapon by a terrorist group in the Australian outback.
53. Yulsman, T. (1997), "Urban Eyes." *Earth*, August, Vol. 6 Issue 2, pp. 56-62. Feature on remote sensing describing how the line between the natural world and city life is best seen from above.
54. Yulsman, T. (1997), "Earth In Action." *Earth*, April, Vol. 6 Issue 2, pp. 36-41. Feature on remote sensing describing how images of Earth from space reveal mountains in motion, the impacts of asteroids, and other evidence of the dynamic nature of planet Earth.

55. Yulsman, T. (1997), "It's a Small World After All." *Earth*, February, Vol. 6 Issue 1, pp. 50-55. Feature about the world of micro space — micro minerals and marine organisms tinier than a grain of sand.
56. Yulsman, T. (1996), "The Best of Space Shuttle Photography." *Earth*, December, Vol. 5 Issue 6, pp. 50-57. Photo feature and article on photography from the space shuttle and what it reveals of Earth processes.

Analysis, Commentary, Opinion, Journalistic Blogging

1. Yulsman, T. (Feb. 2013 to present), ImaGeo column, Discover magazine. (<https://www.discovermagazine.com/blog/imageo>) I am editor and content creator for the column, which focuses on the intersection of imagery, imagination and Earth. Includes fully reported articles in addition to commentary and multimedia content. Stats as of Jan. 1, 2024: more than 1,130 total articles; greater than 7.5 million page views.
2. Yulsman, T. (2008 to 2012), CEJournal, the online publication of the Center for Environmental Journalism. Before the launch of ImaGeo (see above) I was editor and chief writer for the weblog. As of June, 2012, I posted well over 400 individual articles comprising more than 260,000 words; 220,000+ total page views, and readers in more than 100 countries.
3. Yulsman, T. (2012), "Flames, Causes and Context," *Columbia Journalism Review*, July 18, 2012. (Online publication only; http://www.cjr.org/the_observatory/colorado_wildfires_climate_dro.php) An extended review of media coverage of the rash of Western wildfires that broke out in June of 2012.
4. Yulsman, T. (2012), "Frankenstorm Sandy: A Meteorological Monstrosity with Links to Global Warming?", *The Boulder Stand*, Oct. 28, 2012. (Online publication only.) <http://www.theboulderstand.org/2012/10/28/frankenstorm-sandy-a-meteorological-monstrosity-with-links-to-global-warming/>
5. Yulsman, T. (2012), "Vanishing Act: Drought and Warmth Send Colorado's Snowpack into Freefall", *The Boulder Stand*, April 2, 2012. (Online publication only.) <http://www.theboulderstand.org/2012/04/02/vanishing-act-drought-and-warmth-send-colorados-snowpack-into-freefall/>
6. Yulsman, T. (2012), "Climate Skeptics on Record Heat: Have a Nice Big Slice of Cherry Pie," *The Boulder Stand*, March 24, 2012. (Online publication only.) <http://www.theboulderstand.org/2012/03/24/climate-skeptics-on-record-heat-have-a-nice-big-slice-of-cherry-pie/>
7. Yulsman, T. (2012), "Drying Up," *The Boulder Stand*, March 16, 2012. (Online publication only.) <http://www.theboulderstand.org/2012/03/16/drying-up/>
8. Yulsman, T., Revkin, A. (2010), "On the Causes of Climate Deadlock," guest commentary in the New York Times DotEarth blog, March 9, 2010. (Online publication only: <http://dotearth.blogs.nytimes.com/2010/03/09/on-the-causes-of-climate-deadlock/>)

9. Yulsman, T. (2009), "Reporting the Truth about the Facts," Yale Forum on Climate Change & the Media, March 17, 2009. (Online publication only; <http://www.yaleclimatemediaforum.org/2009/03/comments-on-pooley-analysis/>) One of five contributions to a compilation of commentaries about Eric Pooley's critique and analysis of press coverage of climate change.
10. Yulsman, T. (2008), "Reporting and Commentary of Science Times Columnist & Blogger John Tierney," The Yale Forum on Climate Change & the Media, Feb. 19, 2008. (Online publication only; <http://www.yaleclimatemediaforum.org/2008/02/reporting-and-commentary-of-science-times-columnist-blogger-john-tierney/>) News analysis of John Tierney's work as a reporter and blogger at the New York Times.
11. Yulsman, T. (2007), "Environmental Journalism Now," Center for Environmental Journalism weblog (<http://cejnewsviews.blogspot.com/>), February and March 2007. I created this weblog for the CEJ and wrote all 44 articles. (Suspended and then revived as "CEJournal.")
12. Yulsman, T. (2007), "What a Difference a Year and Maybe a Movie Makes," Prometheus, Center for Science & Technology Policy Research weblog, Nov. 13, 2007. (Online publication only: http://sciencepolicy.colorado.edu/prometheus/archives/climate_change/001072what_a_difference_a_.html) Column-length article on increasing acceptance of global climate change, based in part on conference call with Ken Cohen, ExxonMobil vice president.
13. Yulsman, T. (2007), "Sustainability: John Stossel vs Anderson Cooper, Prometheus, Center for Science & Technology Policy Research weblog, Oct. 26, 2007. (Online publication only: http://sciencepolicy.colorado.edu/prometheus/archives/author_yulsman_t/index.html#001249) Compares and contrasts coverage of global environmental issues in a John Stossel 20/20 segment with "Planet in Peril," a CNN documentary on sustainability.
14. Yulsman, T. (2007), "Waxman vs. EPA; Hansen vs. Carbon," Prometheus, Center for Science & Technology Policy Research weblog, Nov. 8, 2007. (Online publication only: http://sciencepolicy.colorado.edu/prometheus/archives/author_yulsman_t/index.html#001259) Discusses decision by U.S. EPA to approve an application for construction of a new coal-fired power plant without requiring mitigation of CO₂, as well as a paper arguing climate change and carbon sequestration.
15. Yulsman, T. (2007), "Historic Declaration by Climate Scientists," Prometheus, Center for Science & Technology Policy Research weblog, Dec. 5, 2007. (Online publication only: http://sciencepolicy.colorado.edu/prometheus/archives/author_yulsman_t/index.html#001278) Discusses declaration by 200 climate scientists calling for immediate steps to bring greenhouse gas emissions under control.
16. Yulsman, T. (2006), "Beyond Balance," Prometheus, Center for Science & Technology Policy Research weblog, Nov. 13, 2006. (Online publication only: http://sciencepolicy.colorado.edu/prometheus/archives/climate_change/000987tom_yulsman_beyond_.html: Column-length analysis of media coverage of global warming.
17. Yulsman, T. (2006), "What is Science?: Reflections on the Dover, Pennsylvania Decision," Prometheus, Center for Science & Technology Policy Research weblog, Jan. 9, 2006. (Online publication only: http://sciencepolicy.colorado.edu/prometheus/archives/author_yulsman_t/index.html

[ml](#)) Column-length article on the central question in the evolution/intelligent design debate — and in the Dover, PA trial.

18. Yulsman, T. (2005), “Science and Religion Face Off: the Two Really Aren’t Incompatible,” Denver Post, Nov. 20, 2005, p. 1E: Lead opinion column in the *Perspective* section.
19. Yulsman, T. (2005), “Political Interference With Science Real, Troubling,” Denver Post, Aug. 21, 2005, p. 1E: opinion column in the *Perspective* section.
20. Yulsman, T. (2005), “With or Without Kyoto: Treaty wouldn’t slow down global warming,” Denver Post, July 10, 2005, p. 1E: lead opinion column in the Post’s *Perspective* section, on the need to move beyond the Kyoto Protocol if we are going to do something about global warming.

Visual Journalism

1. “Striking Views From Space Reveal the Ferocity and Wide Scope of Canadian Wildfires,” July 17, 2023. A visual story published in my ImaGeo column at Discover magazine featuring four stills and one animation processed from original satellite imagery. <https://bit.ly/3SmzmSI>
2. “Before and after: See the impact of California storms from space,” Jan. 21, 2023. For a story about the impact of California storms, The Washington Post used an animation I created showing the extent of sediment washed out to the Pacific Ocean. Processed from raw satellite imagery. <https://tinyurl.com/sss34yw4>
3. “From Earth Art to Extreme Weather: The Home Planet as Seen From Space in 2022,” two-part series published online Jan. 1 and 2, 2023 totaling 2,750 words and featuring 12 stills and one animation representing a selection of some of the best remote sensing imagery of 2022. <https://bit.ly/3OsuZnp> and <https://bit.ly/3Ukbe5m>
4. 2022: Washington Post, “Fires, floods and drought: Scenes of extreme weather from space.” Lead remote sensing image for the story, plus a virtual flyover visualization of a large California wildlife, both processed from raw satellite imagery. <https://tinyurl.com/m9n5pb6k>
5. 2022: Yale Climate Connections, “A next-level water crisis: Colorado River Basin faces Tier 2 restrictions.” Lead photograph showing a giant spillway at Hoover Dam that’s gathering gravel and other debris instead of water thanks to megadrought. <https://tinyurl.com/5x9ybs3a>

Invited Talks, Workshops & Conference Presentations

1. Climate science workshop, Mongabay Conservation Reporting Fellowships program, July 20, 2023. Presentation and discussion via Zoom with 12 journalists representing six countries in Africa, Asia and the Americas.

2. "From Global to Local: An Overview of Climate Change for Journalists," invited workshop via Zoom for ~20 Nigerian journalists. Part of U.S. State Department Speaker Program, April 20th, 2023
1. "Teaching climate journalism," invited presentation at an international workshop on that same subject organized by faculty at Oslo Metropolitan University and held in Delhi, India, Nov. 16, 2018. (Participation via Skype.)
2. "Climate change from Reagan to Trump: the perspective of an American science journalist," Nov. 17, 2017. I was invited to give this talk to students and faculty at Oslo and Akershus University College, as part of the Arctic Lenses program.
3. "The Arctic Story Today," invited panelist, Arctic Frontiers conference, Jan. 24, 2017. I joined a panel of international journalists to discuss geopolitics, science, and other issues related to rapid climate change in the Arctic.
4. "With Climate Journalism Like This, Who Needs Fiction?." Invited speaker, Roger Tatarian Journalism Symposium at Fresno State University examining the role of journalism in debates surrounding climate change. April 3, 2014. (One of three speakers flown in for the symposium.)
5. "Climate Change and Global Security: Facts, Forecasts, and Future Options." Invited talk, Bulletin of the Atomic Scientists dinner and discussion, September 18, 2013. (One of four speakers.)
6. "Climate Change: Communication, Public Opinion & Policy." Invited presentation at the World Renewable Energy Forum, panel on communicating climate change, May 15, 2012.
7. "Fairness Without False Balance." Invited panel presentation, Science Writing in the Age of Denial conference, University of Wisconsin, Madison, April 22, 2012.
8. "Telling Inconvenient Truths." Keynote address on climate science, policy and communication to the American Polar Society annual meeting, Boulder, Colorado, May 13, 2010
9. "Journalism 2.0 and Public Communication of Environmental Issues." Invited conference presentation at the Association for Environmental Studies and Sciences annual meeting, Madison, WI, 10/9/09. Session on "Representing climate change through mass media — interdisciplinary challenges and opportunities."
10. "The Disconnect Between Journalism & Science." Invited conference presentation at the American Geophysical Union meeting, session on "Educating the Public About Science Through the Media: Lessons Learned and Ways Forward," Dec. 15, 2006.
11. "Climate Change & Big Business — the Next 50 Years," Society of Environmental Journalists," Oct. 11, 2002. Invited presenter and co-leader of discussion with working environmental journalists. (With Eileen Claussen, President of the Pew Center on Global Climate Change.)

Website Development

1. The Water Desk, spring 2019, <https://waterdesk.org> : Oversaw the design by a consultant and Water Desk Director Mitch Tobin of the website for our initiative focusing on Western water issues.
2. The Boulder Stand, Summer 2011. Created the mission statement, prospectus and launch plan for this online environmental magazine published out of the Center for Environmental Journalism. Working with students, oversaw design of the site (using Wordpress), which is now an independent student publication. <http://www.theboulderstand.org>
3. CEJournal, the blog of the Center for Environmental Journalism, February 2007. Wrote the mission statement and editorial plan, created the design (using Wordpress), and launched the site. <http://www.cejournal.net>

Selected Publications Prior to Joining JMC Faculty

1. Yulsman, T. (1996), "Seafloor Laid Bare." *Earth*, June, pp. 42-51. Cover story about the most detailed global map of seafloor ever produced.
2. Flanagan, R. & Yulsman, T. (1996), "On Thin Ice." *Earth*, April, pp. 44-51. Feature on research into the role of Antarctic oceanic circulation and heat transport in the global climate system.
3. Yulsman, T., "Earth Views," 1992-1996. As editor-in-chief of *Earth* magazine, I wrote a total of 22 bimonthly editorials on subjects that included ozone depletion, global warming and proposed funding cuts for research in the earth and environmental sciences between 1992 and 1996.
4. Yulsman, T. (1995), "Earth Unveiled." *Earth*, Dec., pp. 36-43. Cover story describing a new technique for producing beautiful images of Earth as it would appear from space if the normal obscuring veil of clouds were not there.
5. Shurkin, J. & Yulsman, T. (1995), "Assembling Asia." *Earth*, June, pp. 55-59. Feature on how Asia (and perhaps all continents) was put together.
6. Yulsman, T. (1994), "Lost in the Outback." *Earth*, Dec., pp. 24-34. Natural history cover story about a journey through the "Bungle Bungles," one of Australia's most extraordinary wilderness areas.
7. Yulsman, T. (1993), "Charting Earth's Final Frontier." *Earth*, July, pp. 36-41. Story and photos related to exploration of the seafloor.
8. Yulsman, T. (1992), "Study Challenges Cholesterol Cutters." *Medical Tribune News Service*, March 2. Story on findings of a study that found a higher rate of death among middle-aged men involved in programs to reduce the risk of heart attack. (Wire story sent to news outlets worldwide.)
9. Yulsman, T. (1992), "If You Can't Stand the Heat." *Travel & Leisure*, Jan. Traveler's health column.

10. Yulsman, T. (1991), "When Tropical Diseases Follow You Home." Travel & Leisure. Traveler's health column.
11. Yulsman, T. (1991), "More Soldiers Live, More Civilians Die." Medical Tribune News Service, August 7. How the impact of warfare has changed over time. (Wire service story to news outlets worldwide).
12. Yulsman, T. (1991), "Lead Hazards at Home." The New York Times Magazine, April 28. Environmental health hazards posed by lead.
13. Yulsman, T. (1991), "Review of "World on Fire." The New York Times Book Review, Feb. 17. Book review of Senator George J. Mitchell's book on global climate change.
14. Yulsman, T. (1988), "Sleepless Nights." Self magazine, December. New research on insomnia and treatments.
15. Yulsman, T. (1988), "Light at the End of the Tunnel." Discover, November. Prospects for photovoltaic energy and nuclear power.
16. Yulsman, T. (1988), "Breaking Away." Discover, October. Description of the technology behind advanced bicycles.
17. Yulsman, T. (1988), "Medical Misinformation: Bad Advice to Avoid." Travel & Leisure, July. Traveler's health column.
18. Yulsman, T. (1988), "Allergies." The New York Times Magazine. April 17. New findings about the causes and treatment of allergies.
19. Yulsman, T. (1987), "Reproduction's Brave New World." San Francisco Examiner, April 23. Story reported from Australia on creating human embryos for research.
20. Yulsman, T. (1986), "The Dark Side of the Fitness Boom." Newsday Sunday Magazine, Oct. 6. The harmful effects of exercise obsession.
21. Yulsman, T. (1986), "Paving the Last U.S. Wilderness." Science Digest, September. Description of the U.S. Forest Service's efforts to build logging roads in natural areas.
22. Yulsman, T. (1986), "Exercising in Polluted Air." Science Digest, July. The impact of air pollution on athletes.
23. Yulsman, T. (1986), "Our Restless Earth. Science." Digest, March. Feature describing geological evidence that is rewriting aspects of plate tectonic theory.
24. Yulsman, T. (1985), "The Great Arms Bazaar," Science Digest, September. Feature reported from Paris describing the trade in high-tech weapons at the Paris Air Show.
25. Yulsman, T. (1985), "Burying Nuclear Waste." Science Digest, August. Account of the scientific and political controversy surrounding the final selection of a permanent disposal site.
26. Yulsman, T. (1985), "Anatomy of the High-Tech Running Shoe." Science Digest, April. A look at Nike's running shoe R & D program.

27. Yulsman, T. (1985), "The New Threat from PCBs." Science Digest, February. Investigation into fires involving PCBs and a description of the world's first indoor environmental catastrophe.
28. Yulsman, T. (1984), "The 100: Who They Are and What They Think." Science Digest, December. Results and analysis of a survey of the top young scientists in the United States.
29. Yulsman, T. (1984), "Experiments in Space." Science Digest, July. Description of scientific research conducted in space.
30. Yulsman, T. (1984), "Greenhouse Earth." Science Digest, February. Cover story on the then-new science of climate prediction.
31. Yulsman, T. (1983), "Future Flying Machines," Science Digest, September. Cover story describing new designs for airplanes and systems of air-traffic control.
32. Yulsman, T. (1982), "Atomic Plants Self-Destruct." Science Digest, November. Examination of radiation-induced weakening of nuclear reactor walls.

GRANTS

1. **Grantee:** "Strengthening New Mexico Water Journalism," \$50,000 grant award to The Water Desk in December of 2023 by the Thornburg Foundation to strengthen water journalism in New Mexico by supporting journalists and media outlets covering water issues. Additionally, the grant supports production of original content about the most pressing water issues across New Mexico and along the Rio Grande. (Water Desk Director Mitch Tobin took the lead on the proposal with my oversight.)
2. **Grantee:** \$900,000 awarded by the Walton Family Foundation in Spring 2023 to fund expansion of The Water Desk and a major shift in emphasis. With the grant, we hired a co-director began building a network of news organizations in and around the Colorado River Basin to collaborate on producing coverage of critical water issues. (Water Desk Director Mitch Tobin led our effort to get this grant, with my oversight and input.)
3. **Grantee:** Ted Scripps Fellowships in Environmental Journalism: \$11.7 million awarded by Cindy Scripps via the Scripps-Howard Foundation since 1996. This includes \$3.2 million pledged in Dec., 2022 for five additional years. Each academic year, the program supports five mid-career journalists in residence at CMCI, where they take courses, go on field trips, attend weekly seminars, and go on regular field trips.
4. **Grantee:** \$25,000 awarded in 2022 by the Thornburg Foundation to continue funding The Water Desk's support of water-related journalism in New Mexico. Water Desk director Mitch Tobin led the effort to secure this grant, and those listed below, under my direction as CEJ director, and with me as "Program Fiscal Principal." The Water Desk is an initiative based within the CEJ dedicated to supporting coverage of western water issues, producing original content, and helping educate the next generation of environmental journalists.
5. **Grantee:** \$100,000 awarded in 2021, half by the Thornburg Foundation, and half from the Water Funder Initiative, to fund expansion of The Water Desk's support of water-related journalism in New Mexico.

6. **Grantee:** \$600,000 awarded in 2020 by the Walton Family Foundation to support The Water Desk's work on water-related journalism.
7. **Gift:** \$10,000 gifted in 2020 by Bill and Barbara Burgess to support the work of The Water Desk.
8. **Grantee:** \$150,00 awarded in 2019 by the S. D. Bechtel, Jr. Foundation to support The Water Desk's work on water-related journalism.
9. **Co-investigator** on "Integrating novel molecular techniques to disentangle the roles of climate, time, and human agency on the evolution of the Icelandic landscape," NSF-OPP-1836981, \$935,044, 1 June 2019 - 31 May 2022. I consulted with Co-Principal Investigator Gifford Miller, a CU geoscientist, to write the broader impacts part of this NSF grant. It includes funding to embed me and a student with the science team to document the field work in Iceland. (NOTE: COVID-19 put my part of the project on hold.)
10. **Grantee:** \$700,000 awarded in 2018 by the Walton Family Foundation to establish The Water Desk at the Center for Environmental Journalism to support coverage of western water issues, produce original content, and help educate the next generation of environmental journalists.
- 11.
12. **Co-investigator** on "Stochasticity And Cyroconite Community Assembly And Function," funded with a three-year \$682,569 grant awarded in 2016 by the National Science Foundation. The project is investigating biological communities in Antarctica's Dry Valleys, one of the harshest environments on Earth. (See: <http://bit.ly/2EsZkgB>) The CEJ is focusing on documenting the work journalistically.
13. **Institutional Partner:** "Arctic lenses - Journalism and the contradictions of climate change": 279,496 Norwegian Kr, or approximately \$32,000 at the prevailing exchange rate when the grant was awarded on 12/22/15. With this funding from the High North Program of the Norwegian Center for International Cooperation in Education, the CEJ will work with faculty from Oslo and Akershus University College to bring masters students together from both programs in Svalbard to produce multimedia content on Arctic climate issues, and then to repeat the experience in Boulder. The long-term goal is to create a joint course on climate journalism.
14. **Co-principal investigator,** Communicating Climate Change: \$12,000 grant from the SJMC Windfall Research Fund. The grant, to be allocated over the course of three years, supported creation of online resources designed to advance understanding and communication about climate change. Completed 2013. (Co-PI with Prof. Richard Stevens.)
15. **Co-grantee,** Center for Environmental Journalism/University of Colorado Libraries Environmental Resources on the Internet: \$2,000 Faculty Teaching Excellence Program grant awarded Fall 2000 to create an online database of electronic sources of environmental information. Completed spring 2002. (Co-PI with Prof. Margaret Jobe, CU Libraries; we jointly administered the grant.)
16. **Co-grantee,** Scripps Institute on the Environment: \$300,000 from Scripps-Howard Foundation, awarded in several grants, to run annual, week-long series of seminars and field trips for 25 working journalists. First grant awarded Spring 2000 for program in Spring 2000. Second grant awarded Fall 2000 for programs in Spring 2001 and Spring

2002. Third grant awarded Fall 2002 for institutes in 2003, 2004 and 2005. (Co-PI with Prof. Len Ackland, JMC; we jointly administer the grant.)

17. **Co-investigator**, Carbon, Climate and Society Initiative: \$2.65 million NSF IGERT grant, awarded Spring 2000, funding an interdisciplinary graduate education and research program from Fall 2000 through Spring 2006. (Note: I was responsible for approximately \$400,000 over the life of the grant.)

TEACHING

Courses Taught

Journalism & Mass Communication

1. *Media Law & Ethics* (undergraduate, large lecture format)
2. *Principles of Journalism* (undergraduate, large lecture/recitation format)
3. *Reporting on the Environment* (undergraduate and graduate)
4. *Newsgathering 2* (for graduate students doing required internships)
5. *Reporting 3* (for undergraduate students doing required internships)
6. *Opinion Writing* (graduate and undergraduate sections)
7. *Science Writing* (graduate)
8. *Science & Environmental Journalism* (undergraduate)
9. *Magazine & Feature Writing* (graduate)
10. *News Editing* (graduate and undergraduate sections)
11. *Precision Journalism* (graduate)
12. *Electronic Information Strategies* (undergraduate; large lecture/lab format)

Environmental Studies

13. *Critical Thinking in Environmental Studies* (undergraduate)

Environmental, Population & Organismic Biology

14. *Carbon, Climate and Society* (master's and Ph.D. level)

Courses Developed or Significantly Revamped

1. *Opinion Writing*: I transformed this class from one focused on writing opinion pieces for newspapers into one focusing on journalistic blogging.
2. *Reporting on the Environment*: I revamped the class to focus on water issues as a way for students to gain experience reporting and writing on environmental topics.
3. *Science Writing*: Graduate-level class in science journalism
4. *Science & Environmental Journalism*: I designed this class to introduce seniors in Journalism and Environmental Studies to science and environmental journalism, and spur them to think critically about issues in these areas, including media coverage
5. *Carbon, Climate and Society*: My co-investigators and I developed this interdisciplinary graduate-level class integrating science, policy, economics and journalistic perspectives

Courses Overseen

1. Lead Teacher, News Editing: Created online template for class, oversaw adjuncts. Fall '98, Spring '99, Spring '00

Principal Professional Project Advisees Since 1996: 70+

(Note: Professional project is a capstone experience akin to a master's thesis for students in the Department of Journalism)

First Opponent, Dissertation Defense Committee:

Md. Mofizur Rhaman, PhD candidate in the Department of Information Science and Media Studies, Bergen University. Dissertation title: "Climate Change Journalism in Bangladesh - Professional Norms and Attention in Newspaper Coverage of Climate Change." Defense held Nov. 26, 2018.

Member, Dissertation Defense Committee: Joseph Champ, Nathan Senge

Principal Honors Thesis Advisees: 3

Clinical Supervision of Students

Faculty Supervisor: With funding from the Center for Environmental Journalism and Norwegian sources, I've brought nine master's students with me to the Arctic to cover issues related to climate change — on five occasions to cover the Arctic Frontiers conference in Tromsø, Norway for Discover magazine, and twice to do multimedia reporting in Svalbard, Norway. (See below for details.)

Faculty Supervisor: With funding from the CEJ, in Sept. 2015 I brought one Journalism master's student with me to Svalbard, Norway, to participate in a climate change journalism intensive as part of the "Arctic Lenses."

Other Student Advising & Mentoring

Faculty Advisor: The Boulder Stand, an online environmental magazine run by graduate students of the Journalism & Mass Communication program. (Until 2016)

Research Experiences for Undergraduates: Advised 3 journalism undergraduate journalism students in NSF-funded program based in the Institute of Arctic and Alpine Research. (1997, 1998, 2000 & 2001. Unpaid.)

Other Teaching Activities

Climate Change Journalism Intensive/Field Program: March. 2017, Boulder, CO. A continuation of the "Arctic Lenses" program (see below). Three Norwegian students and their advisor joined us at the CEJ to continue work with three of our students on climate change issues.

Climate Change Journalism Intensive/Field Program: Sept. 2016, Svalbard, Norway. I co-led this one-week module as part of the "Arctic Lenses" program jointly created by the Center for Environmental Journalism and Oslo and Akershus University College of Applied Sciences. As part of the program, we brought three master's students to Svalbard to collaborate with three Norwegian students and their advisor.

Climate Change Journalism Intensive/Field Program: Sept. 2015, Svalbard, Norway. I co-taught this one-week module as part of a course offered by Oslo and Akershus University College of Applied Sciences. (As mentioned above, I brought one of our students with me.)

Climate Change Journalism Intensive/Field Program: Sept. 2014, Svolvær, Norway.
(Same program as above.)

SERVICE

Service to College and School

Director, Center for Environmental Journalism, 6/13 to present: See description under Administrative Positions at top of CV. Co-Director 9/03 through 5/13. Deputy Director, Center for Environmental Journalism, 9/96 through 5/13.

Member, CMCI Chairs and Directors Committee, summer 2015 to present: Leadership group for the College of Media, Communication and Information

Member, CMCI Personnel Committee: Fall 2021; Fall 2018 through Spring 2019; Fall 2015 through spring 2017.

Acting Chair Department of Journalism: Served in this role in Fall of 2021 through Spring 2022 for the application of a Journalism faculty member to be promoted to Full Professor.

Member, Department of Journalism Annual Merit Evaluation Committee: Spring 2021

Member, Center for Documentary and Ethnographic Media Advisory Board: Dec. 2016 through fall 2017

Faculty Search Committees: Spring 2001, Fall 2003, Fall 2004, Fall 2006, Spring 2007, Fall 2016 (chair for the latter part of the search), 2019 (chair)

PUEC & PTR Committees: Spring 2013, Fall 2018, Spring 2019, Fall 2020

Member, JMC Graduate Curriculum Committee: Spring 2006 to 2015

Chair, Principles of Journalism Committee, Fall 2005 & Spring 2006: Ad hoc committee charged with creating new cornerstone course for News-Editorial and Broadcast students

News-Editorial Sequence Head, 8/04 through 12/08: See description under Administrative Positions at top of CV.

Member, Undergraduate Curriculum Committee, Fall 1999 through Spring 2006
Curriculum revision 2004-2005

Dean's Executive Committee, Fall 2004 through Spring 2005: Advisory to the Dean of the School of Journalism & Mass Communication on matters relating to budget, long-range goals, relationship with other campus units, awards, and other matters of importance to the SJMC, its faculty members and students.

Member, Personnel Policies and Procedures Committee, 2001-2003: Ad hoc committee organized to revise and oversee implementation of SJMC personnel policies and procedures

University of Colorado Service

Director, Graduate Certificate in Environment, Policy and Society, 1/1/09 to 1/31/19 See description under Administrative Positions at top of CV.

Planning committee member, University of Colorado Science & Environmental Communication Working Group, coordinated by the Albert A. Bartlett Science Communications Center. I was one of five members of the planning committee, which launched this new group on the CU campus in fall of 2016. Among a host of activities, the working group is putting together a proposal for a new certificate program at CU.

Member, CMCI Dean Search Committee, Fall 2014 through Spring 2015: Department of Journalism faculty representative.

Senior Faculty Member and member of Executive Committee, Environmental Studies Program, 1998 to 2015: Service duties have included participating in faculty meetings, helping to shape the curriculum, participating in searches for new faculty, and contributing to the decision-making process on other key program issues. As a faculty member in ENVS, I helped plan the new graduate program, served on the Program Review Committee, and was appointed in Fall of 2002 to the Undergraduate Curriculum Committee. I have also participated in creating the Graduate Certificate in Environment, Policy and Society.

Co-chair, Journalism Subcommittee of CMCI Implementation Committee, 2013 to 2015: Planning group convened to lay groundwork for new College of Media, Communication and Information at the University of Colorado.

Chair, Journalism, Science & the Environment Discussion Group, Fall 2011: Organized and coordinated a series of meetings designed to solicit input from faculty on campus and stakeholders in news media and other institutions on the future role of journalism education and research/creative work at the University of Colorado in the context of a new college; wrote the final report and presented it to the Information, Communication, Journalism, Media and Technology Steering Group.

Faculty Affiliate, Center for Science & Technology Policy, Fall 2002 to 2017

Center of the American West, Spring 2002 to 2015: Faculty Advisory Council.

Faculty Member, Energy Certificate Committee, 2008 to 2015: Decisions about CU's Graduate Energy Certificate program, including admissions and course requirements, are made by this committee.

Collaborator, CU Center for Astrobiology, 1998 to 2005: Participated in Center activities, gave talks at Center symposia, provided input from the perspective of a science journalist. (Note: The Center is part of NASA's Astrobiology Institute.)

Search Committee, CIRES Public Information Officer, Fall 2001: Helped in selection of a person to coordinate CIRES' public information efforts.

Member, SJMC Dean Search Committee, Fall 1999: Appointed by vice chancellor.

Service/Outreach to the Community and the Profession

Photographic documentation of public health programs in Ecuador: In fall of 2023, I volunteered to use my photojournalism skills to document a program in Ecuador that trains birth attendants how to prevent deaths of newborns unable to breathe. I also photographed a “medical brigade” that provides sorely needed healthcare in underserved indigenous Kichwa communities. The photos are being used by two foundations that support this work, including an indigenous organization in Ecuador.

Advisory Group, Society of Environmental Journalists, Spring to Fall 2019: Helped plan the 2019 SEJ conference in Fort Collins, CO. Also planned, organized and co-led all-day field trip from the plains to Rocky Mt. National Park focusing on water, wildfire, ecosystem management and other issues for 40 journalists participating in the conference.

Launch Team, Anthropocene Magazine, Fall 2015 to Dec. 2016: The team helped launch the magazine at CU-Boulder in fall of 2016. Anthropocene Magazine is a new online, print, and on-stage magazine in which the world’s most creative writers, designers, scientists, and entrepreneurs explore how we can create a sustainable human age we actually want to live in. See: <http://anthropocenemagazine.org>

Co-organizer and speaker, 2008 to 2018: Forum on Atlantic Media and the Environment (formerly known as the International Environmental Journalism Summit), co-sponsored with the Center for Strategic and International Studies. A recurring conference with nine meetings on either side of the Atlantic starting in 2008. The conference brought together ~25 American and European journalists to discuss issues at the intersection of environment, science, media, journalism and policy.

Advisory Board member, Society of Environmental Journalists, Fall 2010 to Fall 2013: Elected as the academic representative to the board of the SEJ. Participated in four board meetings a year, served on sub-committees responsible for fund raising and other activities, and represented the interests of the academic members of the SEJ.

Editorial Advisory Board, Earth magazine (formerly Geotimes), 2005 to 2007: Invited by managing editor of Geotimes magazine, a publication of the American Geological Institute, to help shape its editorial mission, long-term strategy, and marketing.

Grant Review Panel Member: Peer grant reviewer on NASA's National Space Biomedical Research Institute public outreach and education panel, Nov. 15 & 16, 2000.

Current Membership in Professional Organizations: Society of Environmental Journalists, National Association of Science Writers

Interviews, References to My Work and Miscellaneous Talks and Presentations (through 2012, after which I stopped keeping track):

Interviewee: “The Short Hot Life of Heartland’s Hateful Climate Billboard.” May 4, 2012. Interviewed by Andrew Revkin for DotEarth blog in the New York Times on advertising campaign comparing climate scientists and activists to mass murderers. <http://nyti.ms/J8H9LH>

Interviewee: Quoted in “Drying times: Withering Colorado River flows pose downstream dilemma.” Feb. 23, 2012. Interviewed by Jefferson Dodge for story in The Boulder Weekly about water issues in Colorado and the Colorado River Basin. <http://www.boulderweekly.com/article-7733-drying-times.html>

Invited speaker: Communicating climate change at the Forum on Science Ethics and Policy (FOSEP), University of Colorado, Feb. 9, 2012

Interviewee: “For Better and for Worse: The Changing World of Science Journalism,” Dec. 20 2012. Interviewed by Nadia White for article in Media Shift, an online publication of PBS that tracks how new media are changing society and culture. <http://to.pbs.org/umacSf>

Blog Article Referenced: In “Grist: Pretty good joke. Let’s blast climate deniers into space! And then the corrections begin...” at the Knight Science Journalism Tracker. Dec. 21, 2012. The post cites my piece in CEJournal about shoddy journalistic standards at the online publication Grist (along with a related piece by Andrew Revkin of the N.Y. Times). <http://bit.ly/I6ZTIf>

Blog Article Referenced: CEJournal article chosen as a “N.Y. Times Pick” related to Andrew Revkin’s “Climate Panel Needs to Follow its Own Advice” story in DotEarth blog: <http://nyti.ms/rpRalO>. Dec. 19, 2011. (Original CEJournal post, “Who Should Be Rocketed Into Space?” takes the online activist publication Grist to task for shoddy journalism. <http://www.cejournal.net/?p=5119>

Member, awards jury: University of Colorado Climate Change Film Festival, part of Climate Change & Film course, ATLAS 3519/EBIO 4460, Dec. 9, 2011.

Interviewee: Quoted in “Koch Funding Climate Change Deniers: Mixed Success,” a two-part story running online and as a radio piece on Public News Service, Nov. 1, 2011. <http://bit.ly/JY2xUj>. At least 37 radio stations in Colorado ran part-1, with a total audience of ~590,000. A similar amount heard part-2. Clear Channel Communications picked up the stories for distribution to 460 radio stations nationally.

Interviewee: “Rick Perry’s assertions on global warming reveal reporting challenges when science, politics collide,” in Poynter online, Aug. 23, 2011. Interviewed by Adam Hochberg for article on the challenge of avoiding ‘false balance’ in climate change coverage. <http://bit.ly/pou9Ru>

Interviewee: “CU-Boulder to Shutter J-School,” in Columbia Journalism Review online, April 19, 2011. Interviewed by Curtis Brainard on discontinuance of School of Journalism & Mass Communication at the University of Colorado. <http://bit.ly/JoeqnM>

Blog Article Referenced: CEJournal article cited by Andrew Revkin in “The Elusive Dream of American Energy Plans, N.Y. Times DotEarth, March 8, 2011, <http://nyti.ms/h6q1BB> (Original CEJournal post: “No Serious Energy Policy in Sight,” <http://www.cejournal.net/?p=5041>)

Blog Article Recommended: CEJournal article recommended reading by Andrew Revkin in “Climate News Snooze,” N.Y. Times DotEarth, Jan. 5, 2011 <http://dotearth.blogs.nytimes.com/2011/01/05/climate-news-snooze/> (Original

CEJournal post: "Environmental Journalists: Are We Really That Awful?",
<http://www.cejournal.net/?p=4757>)

Blog Article Recommended: CEJournal article recommended by Andrew Revkin in "Wintry Weather and Global Warming," N.Y. Times DotEarth, Dec. 28, 2010,
<http://dotearth.blogs.nytimes.com/2010/12/27/wintry-weather-and-global-warming/>
(Original CEJournal post: "Weather Happens": <http://www.cejournal.net/?p=4723>)

Blog Article Recommended: CEJournal article recommended by Andrew Revkin in "The Real Threat to Science in the Political Climate," N.Y. Times DotEarth, Nov. 3, 2010,
<http://dotearth.blogs.nytimes.com/2010/11/03/the-real-threat-to-science-in-the-new-political-climate/> (Original CEJournal post: "The Climate Votes Last,"
<http://www.cejournal.net/?p=4341>)

Blog Article Referenced: CEJournal article cited by Andrew Revkin in "Climate 'CSI' Team Takes on Russian Heat Waves," N.Y. Times DotEarth, Aug. 8, 2010,
<http://dotearth.blogs.nytimes.com/2010/08/24/climate-csi-team-takes-on-russian-heat/> (Original CEJournal article: "Russian Heat Wave a Black Swan Event,"
<http://www.cejournal.net/?p=3503>)

Blog Article Excerpted: CEJournal article excerpted in "Climate Policy is Paralyzed, but the Climate is Not," by Andrew Revkin, N.Y. Times DotEarth, Aug. 3, 2010, <http://dotearth.blogs.nytimes.com/2010/08/03/climate-policy-is-paralyzed-but-the-climate-isnt/> (Original CEJournal post that was excerpted: "Message from the Eemian: Too Late to Stop Significant Sea Level Rise,"
<http://www.cejournal.net/?p=3305>)

Quoted as Expert Source: Quoted by Bud Ward in "Andy Revkin, Cory Dean Seen Contributing In Some ways to Ongoing *Times* Coverage," Yale Forum on Climate Change & the Media, Jan. 7, 2010, <http://bit.ly/7YldXF>

Invited speaker: CU Environmental Studies colloquium, Feb. 23, 2011. Guest commentator on talk by Dawn Adams titled "Burning Through the Roots: Mythos and Meaning in Wildfire."

Quoted as Expert Source: Quoted by Curtis Brainard in "Snow Fights," in the Columbia Journalism Review online, Feb. 16, 2010,
http://www.cjr.org/the_observatory/snow_fights.php

Member of awards jury: University of Colorado Climate Change Film Festival, the culminating event of the Climate Change and Film course, ATLAS 3519/EBIO 4460, Dec. 10, 2010.

Interviewee: "Tweeting a Wildfire" in Columbia Journalism Review, Sept. 30, 2010. Interviewed by Lauren Kirchner for an article on the use of social media during natural disasters, and what it means for the press.
(http://www.cjr.org/the_news_frontier/tweeting_a_wildfire.php?page=2)

Interviewee: Quoted in "Andy Revkin, Cory Dean Seen Contributing In Some Ways to Ongoing *Times* Coverage," Yale Forum on Climate Change & the Media. Jan. 7, 2010. <http://www.yaleclimatemediaforum.org/2010/01/revkin-and-dean-ongoing-times-coverage/>

Blog Article Recommended: CEJournal article recommended by Andrew Revkin in "Climate News Snooze," N.Y. Times DotEarth, <http://nyti.ms/fu7L3t> (Original CEJournal post: "Environmental Journalists: Are We Really That Awful?", <http://www.cejournal.net/?p=4757>)

Interviewee: KGNU "How on Earth" science show about the aftermath of the Copenhagen climate talks, 1/5/10 http://kgnu.org/audio/HowOnEarth_2010-01-05.mp3

Interviewee: KGNU Radio Morning Magazine concerning the ongoing Copenhagen climate talks, 12/16/09 (http://kgnu.net/audio/MorningMagazine_2010-12-16.mp3)

Interviewee: Interviewed by Evita Neets for "Er zijn ook groene Amerikanen" in the Belgian newspaper *De Standaard* about the ongoing COP15 talks, 12/16/09 <http://www.standaard.be/artikel/detail.aspx?artikelid=BP2JPO94>

Blog Post Excerpted: CEJournal article excerpted by Tobin Harshaw in "Are Americans Cooling on Global Warming?", N.Y. Times Opinionator, <http://opinionator.blogs.nytimes.com/2009/10/23/weekend-opinionator-are-americans-cooling-on-global-warming/> (Original CEJournal post: "Fewer Americans Convinced Global Warming is Real," <http://www.cejournal.net/?p=2161>)

Invited speaker: University of Colorado President's Leadership Class, 9/22/09. Talk title: "Environment, Communication and Leadership."

Invited speaker: International Media Certificate program, University of Colorado, 4/23/09. Subject: Journalistic coverage of climate change, in the United States and internationally.

Interviewee: Quoted by Bud Ward in "Two Weeks of Intense Climate Dialogue Over Columnist George Will's Flawed Column," published in the Yale Forum on Climate Change & the Media. March 5, 2009. <http://www.yaleclimatemediaforum.org/2009/03/climate-dialogue-over-george-wills-column/>

Invited panel organizer and moderator: "Communicating Energy and Climate Challenges — Is Anyone Listening?" at University of Colorado's "Meeting the Global Energy and Climate Challenge" symposium, Aug. 23, 2008.

Invited panel organizer and moderator: "Good Stories & Hard Truths — the Role of Western Journalism," at the Natural Resources Law Center Annual Summer Conference, June 4, 2008.

Invited panel member: "Communicating Climate Change," University of Colorado "Focus the Nation" event, Jan. 31, 2008

Invited speaker and panel member: "Dimensions of Environmental Leadership" meeting of Stratus Consulting, a research and consulting firm specializing in environmental science, policy, economics, and law. Oct. 5, 2007.

Invited public talk, "Telling Inconvenient Truths: the Interface of Science, Journalism & Politics in the Global Warming Debate," July, 2007. Sponsored by Boulder's Cafe Scientifique.

Interviewee: Midday Utah, KPCW, Utah Public Radio, about the increasing acceptance by the public, corporations and lawmakers of the reality of global climate change, Feb. 1, 2007

Panel member: "Transforming Energy" panel following the screening of a documentary by the same name at the Boulder Theater and Boulder Shining Mountain School, 9/5/06 and 11/18/06 respectively.

Workshop co-organizer and Presenter: Communicating science to the public, Biosphere-Atmosphere Research & Training program, University of Michigan Biological Station, July 25, 2006. A former graduate student of mine and I put on this day-long training program designed to help biology Ph.D. students with public outreach.

Invited Presentation and Panel Member: Global warming public forum, University of Denver, May 31, 2006. Organized by DU's Department of Human Communication Studies.

Interviewee: Midday Utah, KCPW, Utah Public Radio, on my Denver Post column about science, religion and intelligent design, Jan. 30, 2006

Interviewee: Colorado Inside Out, KBDI, public television Denver: panel discussion about evolution and intelligent design, Nov. 30, 2005

Interviewee: Mike Rosen Show, KOA radio, Denver, on evolution and intelligent design, Nov. 23, 2005

Organizer: Scripps Institute on the Environment, 1998-2005. The institute was a week long series of workshops, field trips and seminars in and around Boulder, sponsored by the CEJ for 20-25 journalists from around the country. Funded by the Scripps Howard Foundation.

Co-Organizer: Life in Extreme Environments / Astrobiology journalism workshop, Yellowstone Natl. Park, co-sponsored by CEJ, Center for Astrobiology and Laboratory for Atmospheric & Space Physics, Aug. 4-7, 2005.

Interviewee: "Midday Utah," KCPW, Utah Public Radio, on my Denver Post column about global warming and the Kyoto Protocol, July, 18, 2005.

Interviewee: "Climate Change," Colorado Springs Independent article by Kathryn Eastburn on the growing movement among evangelical Christians to do something about global warming, April 21, 2005.

Invited colloquium talk: "News Values versus Science Values," at the Center for Science and Technology Policy Research, University of Colorado, Dec. 6, 2004.

Invited Co-Organizer: Mars Science Journalist Workshop, co-sponsored by the CEJ, CU Center for Astrobiology and CU's Laboratory for Atmospheric and

Space Physics, Dec. 12 and 13, 2003. This workshop for science journalists previewed the upcoming landings on Mars by U.S. robotic spacecraft.

Invited Organizer: “Break-Out From the Global Warming Trap: an update from the front lines of science, policy & the media.” National Association of Science Writers Workshop, Feb. 13, 2003, at the American Association for the Advancement of Science annual meeting.

Invited Co-Organizer: “The Daily Planet: Why the Media Stumble Over the Environment.” CIRES Distinguished Lecture by New York Times Science Reporter Andrew Revkin, University of Colorado, Oct. 17, 2002. (Co-organized with Center for Science and Technology Policy Research.)

Invited participant: “Workshop on Astrobiology,” Denver Museum of Nature and Science, May 21, 2002. Participated in discussions to help the museum plan its first planetarium show for its new space theater (to open Spring 2003).

Symposium organizer: “Science & the Media: A Roundtable discussion,” University of Colorado, March 11, 2002. Organized and moderated symposium bringing media scholars and journalists together in event sponsored by Carbon, Climate and Society Initiative.

Interviewee: “The Meaning of Life,” article published in Astrobiology News, a news update section on NASA’s National Astrobiology Institute web site, 8/01.

Invited panelist: Society of Environmental Journalists, presentation and panel discussion on journalism fellowships for working reporters. 9/99.

Interviewee: “Science Profile,” Boulder Daily Camera, 6/20/99: Profiled for weekly Camera feature.

Symposium organizer: “Environmental Journalism: Beat or Bias?,” University of Colorado at Boulder, 10/98. Organized and moderated a public symposium with five working journalists on the nature of environmental journalism.

Interviewee: “Cloning More Common Than You Think,” The Salt Lake City Tribune, 1/29/98. Quoted in article about media coverage of cloning.

Interviewee: “CU holds own meet on global warming,” Denver Post, 10/7/97. Quoted in story about Presidential teleconference on global climate change.

Invited presentation: “What makes news in science?,” at the National Center for Atmospheric Research, 6/97. Presentation at a symposium on science communications for graduate students attending CEDAR atmospheric science workshop.

Symposium organizer: “What Makes News In Environmental Science?,” University of Colorado, 5/97. Organized and moderated public symposium with four national environmental reporters.

AWARDS, HONORS & RECOGNITION

William R. Payden Award for Faculty Excellence, May 2014: The \$20,000 award, from a permanent endowment, goes to one faculty member in Journalism & Mass Communication each year for general excellence in research, teaching and service.

Blog article favorably reviewed: "Climate Conundrums," in Columbia Journalism Review online, Jan. 10, 2011. My CEJournal article on the state of environmental journalism reviewed favorably in piece by Curtis Brainard on climate coverage. <http://bit.ly/gYwvK7>

Blog article favorably reviewed: "Snow Fights: Storm coverage muddles politics and science," in Columbia Journalism Review online, Feb. 16, 2010. My CEJournal article on N.Y. Times coverage of the science and politics of climate change reviewed favorably by Curtis Brainard. <http://bit.ly/b25Wuf>

Feature article favorably reviewed: "Climate Change 101 — Trio of articles re-cover some global warming basics," in the Columbia Journalism Review online, Dec. 23, 2010. My Climate Central article, "How Will We Know if 2010 Was the Warmest Year on Record," reviewed favorably by Curtis Brainard. <http://bit.ly/KZ4nUp>

Notable Article selection in "Best American Nature and Science Writing 2007, for "Snow Daze" in Audubon magazine.

Finalist, Colorado Book Awards for "Origins: the quest for our cosmic roots."

Positive Book Review for "Origins: the quest for our cosmic roots," New Scientist magazine. Excerpt: "[the book] will provide the reader with a great breadth of topics, all treated with a depth that I have rarely found in reviewing many astronomy books ..." (See <http://www.taylorandfrancis.com/books/details/9780750307659/>)

Distinguished Teacher, awarded by the students of the SJMC, 5/3/99.

NON-ACADEMIC POSITIONS HELD

PROFESSIONAL JOURNALISM

Contributor, Discover magazine, 2013-present

Write at least three stories per month for the ImaGeo column, and contribute stories to the magazine as assigned, including the annual Year in Science issue.

Contributing Editor, Astronomy magazine, 6/97 to 9/02

Wrote feature articles for world's leading astronomy magazine.

Contributing Editor, Earth Magazine, 8/96 to 7/98

Wrote major features for the only consumer magazine devoted to the science of planet Earth; worked with editorial and art staffs to improve magazine.

Editor-in-Chief, Earth Magazine, 5/92 to 8/96

Directed all editorial aspects of this bimonthly consumer magazine devoted to the science of our planet. Hired and supervised all editorial staff.

Editorial duties: Conceived magazine's editorial mission, article ideas, new areas of coverage; assigned stories, oversaw assignments by other editors; reviewed incoming manuscripts; edited, wrote and rewrote features; wrote editorials; oversaw layout and design of magazine; top edited articles.

Administrative and managerial duties: Prepared and oversaw budgets; wrote job descriptions; worked with circulation, advertising sales, creative services and administration departments on business aspects and sales and marketing of *Earth* magazine.

Desk Editor, Medical Tribune Company, 4/91 - 4/92

Edited, rewrote and wrote articles for the *Medical Tribune News Service*, a joint venture with the *N.Y. Times News Service* that provided daily medical news copy to news outlets worldwide; supervised staff reporters in New York and Washington; with BBC, developed pilot daily medical news show for television.

Desk Editor, New York Times Magazine Part 2, 3/89 - 4/91

Edited, wrote and rewrote articles, generated story ideas, conceived graphics for articles, wrote headlines and captions.

Contributing Editor, Self Magazine, 8/88 - 3/89

Retained by Condé Nast Publications to improve and professionalize coverage of medicine and psychology; edited medical news section; assigned, wrote and edited features and news stories.

Contributing Editor, American Health Magazine, 1/86 - 3/87

Assigned, wrote and edited news and features; oversaw medical news section.

Freelance Writer, 8/85 - 4/91

Wrote on science, environment, technology, medicine, health and fitness for leading publications, including New York Times, Newsday, Discover, American Health, McCalls, Travel & Leisure.

Contributing Editor, Science Digest Magazine, 8/85 - 8/86

Wrote features and news articles.

Senior Writer, Science Digest Magazine, 1/84 - 8/85

Wrote and edited features, investigative pieces and news articles.

News Editor, Science Digest Magazine, 6/80 - 1/84

Responsible for news content of magazine; oversaw 16-page science news section; supervised four staffers and 15 regular contributors; assigned, wrote and edited articles and special sections.

LEGAL CONSULTING

Expert Witness, Spring 2000: Retained by Petrie, Bauer, Vriesman & Hecht LLP to offer expert testimony about the magazine industry.

PUBLIC POLICY

Investigator, New York State Assembly Committee on Oversight and Investigations, 12/78 - 8/79

Worked on staff of then Brooklyn Assembly member Charles Schumer (now U.S. Senator). Uncovered government policies that stifled competitive bidding for state contracts, conceived and drafted legislation.