Environmental Journalism  
Fall 2015  
Undergraduates: JOU 4930-0029  
Graduate students: MMC 6936-2569  
Mondays, Periods 4, 5, and 6 (10:40-1:40)  
10:40 to 11:30 in Rinker Hall 110  
11:45 to 1:40 in Weimer Hall 3024

Instructor: Cynthia Barnett  
Email: clbarnett@jou.ufl.edu  
Phone: 352-376-4440 (call or text)  
Twitter: @cynthiabarnett, Class hashtag: #EJUF.

Office: 3067 Weimer Hall, UF College of Journalism and Communications  
Office hours: Mon, Tues, Wed, Thurs, 2 p.m. to 4 p.m.  
Sometimes I am traveling on a story so best to make an appointment

Environmental Journalism, the challenge: Living in what some scientists term the Anthropocene Era (*anthropo*: man, and *cene*: new), in which human activities have ever-more serious impacts on our local regions and the planet, it is increasingly important to report on and improve public understanding of climate change; freshwater scarcity; the decline of our oceans, fish, and wildlife; environmental health; sustainable energy, agriculture, and food systems; and more. But complex science and uncertainty, public apathy and politics, well-funded counter-narratives, zealous stakeholders, and what can (incorrectly) appear a lack of news hook for stories playing out slowly in the decades of a comp plan or two centuries of CO2 emissions make Environmental Journalism one of the most challenging specializations in our craft.

Environmental Journalism, the course: This course will introduce you to Environmental Journalism; help you find the most accurate, credible, and timeliest information on science and issues; and ground you in the essentials of environmental reporting – discerning uncompromised expert sources, using descriptive storytelling to relate real-world impact, and tapping the primary databases, records and other tools commonly used by environmental reporters. You will publish your work on our CJC website devoted to Environmental Journalism: [http://stateofwater.org](http://stateofwater.org) and have the opportunity to publish it in larger markets. By semester’s end, you’ll have a significant, compelling, accurate work of environmental reporting that is relevant for your audiences – and, I hope, an excellent story clip and byline for you.

Each weekly class will be divided into two parts. The first hour, shared with a larger Survey of Environment in Media course, we’ll discuss the craft of Environmental Journalism, its promise and challenges through a topical theme in EJ, often with a guest speaker. The next two hours, we’ll move to **WEIMER HALL 3024** for our class story meeting – a practical session devoted to hands-on reporting, developing, funding and publishing your stories. Much of your work will be read not only by me, but by your peers in class. This is a crucial step. The best writers have a “brain trust” to share ideas and gut-check copy before sending it into the editorial ether.

Course readings, participation, assignments and grades:
Readings: Undergraduates are not required to buy any books. Please read the assigned works of journalism each week before class. Most are here on the syllabus and some will be added based on the news of the day; check email Wednesday evening before our Monday class for updates. Graduate students are required to pick up Dan Fagin’s Toms River: A Story of Science and Salvation, winner of the 2014 Pulitzer for nonfiction. *Graduate students only: A 500-word book review on Toms River is due by Nov 9th, the day we’ll discuss reporting on chemicals.* For all students, our weekly assigned articles and essays are available free online, or through UF’s electronic databases. All are also expected to keep up with the Environmental Journalism of the day. This is best accomplished by checking the Society of Environmental Journalists’ “EJ Today,” a well-chosen collection of top headlines from the beat updated every weekday morning. You do not have to be a member of SEJ to access the daily links, here: [www.sej.org/headlines/list](http://www.sej.org/headlines/list). You may want to join ([$25 for students](http://www.sej.org/member/join?form=student)) if considering EJ as a career.

Participation, part of your grade, includes attending class and engaging in person and online. To get the most out of class, engage with us on Twitter ([www.twitter.com](http://www.twitter.com)), a social media platform that includes vigorous discussion of the environment. I will tweet (from [@cynthiabarnett](https://twitter.com/cynthiabarnett)) about Environmental Journalism and our class using the hashtag #EJUF. I encourage you to do the same. For a good overview of EJ on Twitter, also follow the Society of Environmental Journalists @SEJORG. We also have a class blog devoted to EJ at UF, [www.stateofwater.org](http://www.stateofwater.org).

Assignments: Each student will critique one work of Environmental Journalism over the semester. When it’s your turn, you’ll email me a link by the Wed morning before our Mon class so that I can distribute it. You’ll turn a 300-word critique of the piece before class, and lead an informal discussion of its strengths/weaknesses during our story meeting. The primary course assignment is a long-form (1,500 to 2000 words) environmental story that we’ll work on through the semester. A reported, 500-word story pitch/plan for the piece is due Week 6 (October 5th); the first draft Week 10 (November 2nd); and the final draft Week 15 (December 5th). Your other writing assignments – 500-word environmental biography or work of nature writing and a 500-word critique of a corporate press release or green campaign – may tie in to your long-form story, especially if they help to deepen your final piece and build your specialization.

Grades: Your final grade is made up of your journalistic assignments, two quizzes based on our weekly lectures, and class participation in person and on-line, as follows:

- 300-word critique and informal class presentation on a published work of environmental journalism. **(100 points) Due throughout the term.**
- 500-word environmental biography or nature writing. **(100 points) Due Sept. 21st**
- 500-word story pitch/plan for your long-form environmental story. **(100 points) Due Oct. 5th**
- First draft of your long-form environmental story, minimum 1,500 maximum 2,000 words. **(Hint: the better it is on first draft, the easier on final draft!) (100 points) Due Nov. 2nd**
- 500-word critique and class presentation on a corporate press release or green campaign. **(100 points). Due Nov. 23rd.**
• Final (publishable) draft of your long-form environmental story, minimum 1,500 maximum 2,000 words. (200 points) Due Dec. 5th.
• Two quizzes based on weekly lectures & readings (100 points each for 200 possible).
• Class attendance/participation and online engagement made up of at least 10 original tweets with hashtag #EJUF or two short blog posts (send to me and I’ll post) to stateofwater.org over the course of the semester. (100 points)

Important: We have only 15 class sessions together, so please do your best to attend. (UF attendance and other policies are at the end of this syllabus.) If you come to class all 15 times and engage at least 10 times on social media you will earn all 100 points for participation.

TOTAL POINTS POSSIBLE: 1,000

GRADING SCALE:
930-1,000 points: A
900-929: A-
880-899: B+
830-879: B
800-829: B-
780-799: C+
730-779: C
700-729: C-
680-699: D+
630-679: D
600-629: D-
599 or below: E

Course schedule and weekly content (Please note that I may change readings depending on our class progress and the news of the day. I'll confirm each week’s readings in an email with links on Wednesday evenings prior to our Monday class.)

Week 1, August 24th 2015
Course intro and policies, philosophy and history of EJ: Modern EJ has roots in the seventeenth century, when John Evelyn writes “Fumifugium, or the Inconvenience of the Aer and Smoake of London Dissipated” (1661), proposing remedies for London’s choking black air: The immoderate use of, and indulgence to, sea-coale in the city of London exposes it to one of the fowlest inconveniences and reproaches that can possibly befall so noble and otherwise incomparable City. Whilst they are belching it forth their sooty jaws, the City of London resembles ... the suburbs of Hell [rather] than an assembly of rational creatures. We’ll take a look at the history of this vigorous field from Evelyn through Florida’s own Marjory Stoneman Douglas – a journalist and author long before she became an environmental activist at age 76.

Class story meeting: Introductions, environmental interests, Part I of student-interview exercise.
Week 2, August 31st, 2015
The Everglades: Wading into major challenges of Environmental Journalism:
While more than 7 million people live in the Greater Everglades Ecosystem, and 50 million visit each year, most don’t understand the fragile connections among water, land, and massive waterworks that make the region inhabitable. The agriculture and development, water diversions and flood-control structures that keep South Florida from drowning also have endangered the ecosystem and its many plant and animal species, with a 90 percent decline in wading birds over the century; and cause severe pollution during times of too much water and scarcity in times of too little. Now, climate change – bringing sea-level rise, saltwater intrusion, and more-severe coastal flooding – makes the already-vulnerable tip of Florida far more so. All make the Everglades an ideal case study for EJ, from the most basic question – How do we help audiences care about a swamp? – to the most complex: How do we report on uncertainty, and push beyond political sound bites to help bring understanding of the ecosystems that keep us alive? Guest speaker: Dr. Karl Havens, Director, Florida Sea Grant.


Class story meeting: Part II of student-interview exercise. Assign dates for Environmental Journalism critiques. Begin to discuss ideas for long-form environmental story.

September 7th Labor Day, No Class

Sunday September 13th Field Trip to Seahorse Key!
(Not mandatory, but a great trip if you can make it.) An hour’s drive west of Gainesville and another mile into the Gulf of Mexico by boat, the Cedar Keys National Wildlife Refuge protects rare undeveloped barrier islands, creating an important rookery for nesting migratory birds and a laboratory for Gulf science. We’ll meet Sunday morning in the quaint fishing village of Cedar Key and travel by boat to Seahorse Key. Directions, details, and contacts by email. Yes, you may bring a friend, if you let me know ahead of time.

Week 3 September 14th
Literary journalism/environmental biography/nature writing: Environmental journalists are journalists working to cover the environment and not environmentalists trying to practice journalism. Still, nature writing can have its place in EJ. Lyrical descriptions of sea or forest, personal narratives, sense of place pieces and adventure tales – can draw many more readers to environmental stories.


**Class story meeting:** Bring ideas for your nature writing/environmental bio assignment. Think about a powerful place you’d like to describe (the power could come from its beauty or its loss); a wild adventure; or a personal ecological narrative in the vein of Leopold’s wolf experience.

**Week 4, September 21st** **DUE 9/21 BEFORE CLASS, TO CANVAS:** 500-word nature writing assignment.

**Environmental Journalism, the Beat:** (Or, how to get paid to walk in the woods and write about it.) **Guest Professor:** Craig Pittman, award-winning environmental reporter for the *Tampa Bay Times* and author of books on wetland fillers, manatee killers and orchid smugglers. (I will be in Australia; please be awesome to Professor Pittman, who is one of the best Environmental Journalists in the nation.)


**Class story meeting:** Q&A with Craig Pittman, brainstorm with Craig ideas, best sources, and possible public records/data for your long-form environmental story.

**Week 5 September 28th**

**Climate Change, the story of our time:** While the science of climate change becomes increasingly certain, the scientific facts aren’t translating well to the general public. We’ll look at the basic science, the IPCC, finding the best experts and research, dealing with skeptics, reporting on mitigation and adaptation, finding relevance for the daily lives and the regions of our audiences – and maybe most importantly, making the climate change story engaging.

**Read ahead for class:** 1) “Narrating Climate Change,” by Alexis Sobel Fitts, *Columbia Journalism Review,* June 2014; 2) Read two Climate Central special reports of your choice at [www.climatecentral.org/reports](http://www.climatecentral.org/reports), and check out Climate Central’s “Surging Seas” map at sealevel.climatecentral.org. 3) “Good-bye Miami,” by Jeff Goodell, *Rolling Stone,* June 2013.

**Class story meeting:** Discuss the many new climate-change reporting platforms and funding opportunities. Philosophy of Grist’s Chip Giller on our role to show audiences “a future that doesn’t suck.” First batch of Environmental Journalism critiques. Read aloud some of your nature-writing pieces if you feel comfortable. Last brainstorming/Q&A before your 500-word story pitch/plan for your long-form environmental story is due.

**Week 6 October 5th** **DUE 10/5 BEFORE CLASS, TO CANVAS:** reported, 500-word pitch/plan for your long-form environmental story.
Covering the Oceans

Sea stories are among the best read in Environmental Journalism because audiences often already care about beaches, charismatic creatures like dolphins and their favorite seafood dinner. What if the story doesn’t involve a dolphin with a cute name, rather, complexities such as ocean acidification and red tides, or highly politicized issues such as the Apalachicola oyster collapse?

Read ahead for class: 1) “Sea Change: The Pacific’s Perilous Turn,” 2013 Seattle Times series on the global impacts of ocean acidification, by reporter Craig Welch and photographer Steve Ringman. Read the seven stories online at the Seattle Times’s main link to the project http://apps.seattletimes.com/reports/sea-change/ so you can view the videos and interactive graphics. 2) “A River Runs Through It,” by Paul Greenberg, The American Prospect.

Class story meeting: More on the Gulf of Mexico and connecting audiences to the sea: the dead zone and connections to Midwest agriculture, Apalachicola Bay and connections. Environmental Journalism critiques. Finish reading nature pieces.

Week 7 October 12th

Freshwaters. Water lies at the heart of all the planet’s biggest environmental stories – climate change, and human and ecosystems health, along with the competition among water, food and energy. Reporting on freshwater encompasses both quality – nitrates and other pollutants; and quantity, which involves the sustainability of water extraction for human use and equity among different users from ag to utilities (us) – and ecosystems.


Class story meeting: Questioning assumptions – the conventional wisdom and your own. The pros and cons of regulators as sources. Environmental Journalism critiques.

Week 8, October 19th

Agriculture and food: A large and complex beat covering everything from pollution and water/land use to genetically modified crops and the question of how to feed the world. Americans’ renewed interest in organic food and urban farming, and their perpetual interest in healthful eating, can make these some of the best-read stories on the environmental beat. How can environmental journalists accurately and fairly report big trade-offs like food vs. fuel, subsidies vs. groundwater extraction, the most productive corn region in the world vs. the Gulf of Mexico dead zone, etc? Guest speaker, Anna Prizzia, UF campus food systems coordinator and co-founder, Alachua County’s Forage Farm.

Class story meeting: Agriculture’s impact on almost every EJ beat; hands-on tutorial with farm-subsidy database. Environmental Journalism critiques.

Week 9 October 26th
Wildlife & biodiversity: Connecting audiences with the web of life. Earth is losing species 100 to 1,000 times faster than natural extinction, a rate that has not occurred since the dinosaurs and many other species disappeared 65 million years ago. Scientists say habitat degradation is the main cause. What are some ways to report on the biodiversity crisis, and make endangerment of Florida’s frosted flatwoods salamander as interesting as our charismatic Florida panther? Guest Speaker: Dr. Tom Hoctor, UF Center for Landscape Planning, on Florida Wildlife corridors, and efforts to predict and mitigate the effects of sea-level rise and land-use changes on Florida’s imperiled species.


Class story meeting: More on mapping software and databases. Environmental Journalism critiques.

Week 10, November 2nd DUE 11/2 BEFORE CLASS, TO CANVAS: First draft, long-form environmental story, 1,500 to 2,000 words.
Environmental Justice: Low-income, minority neighborhoods tend to bear the brunt of environmental threats such as exposure to chemical plants, Superfund and other toxic waste sites. A growing body of research “suggests that the chronic stressors of poverty may fundamentally alter the way the body reacts to pollutants, especially in young children,” according to the Environmental Health News Network.

Class story meeting: Race/poverty issues in environmental reporting; environmental justice. Case study local Plum Creek story: economic development/racial equity as counterpoint to opponents of sprawl and habitat loss. Environmental Journalism critiques. Pair up for peer edits.

Week 11, November 9th

Chemicals Understanding epidemiology & risk, and investigative reporting on the environmental beat. Chemical pollution lies at the major intersection of environmental, health, and science reporting. Guest speaker: Joe Delfino, UF professor emeritus in chemical engineering.

Read ahead for class: 1) Toxic Clout series by Ronnie Greene and others, 2013, Center for Public Integrity. (http://www.publicintegrity.org/environment/pollution/toxic-clout) Be sure to read, “In new battleground over toxic reform, American Chemistry Council targets the states.” 2) “Cracking Open a Cancer Cluster,” by Elizabeth Royte, OnEarth magazine, April 2014, a discussion of Fagin’s epidemiological scholarship in Toms River, the story of chemical production and disposal in a small coastal town in New Jersey with scores of children diagnosed with leukemia and cancers of the central nervous system. 3) (Look at) “Chemical Fallout,” a 2007 series in the Milwaukee Wisconsin Journal Sentinel about endocrine-disrupting chemicals in household objects from baby’s bottles to “microwave safe” containers. By journalists Susanne Rust, Cary Spivak, and Meg Kissinger, the series began to expose the problems of common chemicals that build up in our bodies, especially in children beginning in utero – as well as the epic industry effort to prevent regulation of bisphenol A (BPA). Check out the original series and follow-up stories when FDA reversed its position on BPA as a result of the series: http://www.jsonline.com/watchdog/34405049.html.

Class story meeting: Dr. Delfino will stick around for Q&A and discussion with graduate students of Toms River, etc. Initial brainstorming for greenwashing assignment. Environmental Journalism critiques.

Week 12, November 16th

Greenwashing and spin: Is that new housing development really green? How much water will the proposed organic beef operation pump? Is phosphate feeding the world or depleting the Earth? Asking the questions and the follow-up questions… reporting with sophistication and fairness … and recognizing greenwashing vs. effective corporate social responsibility/sustainability programs.


Class story meeting: Brainstorm ideas for the corporate press release or green/sustainability campaign you’d like to critique. (You may feature a campaign that really is making a difference, or expose one that is greenwashing or pinkwashing, ie, pink-ribbon-promoting companies whose
products are linked to increased risk of breast cancer, see thinkbeforeyoupink.org.) Final Environmental Journalism critiques.

**Week 13 November 23**

**DUE 11/16 BEFORE CLASS, TO CANVAS:** 500-word critique of a green or corporate sustainability campaign.

**Energy:** Coverage blends the old-fashioned skill of following the money and the newer challenge of reporting on the sustainability of our energy choices and sources. **Guest speaker:** Long-time environmental journalist (and UF-CJC alum) Bruce Ritchie, energy reporter based in Tallahassee for Politico.

**Read ahead for class:** 1) “Florida utilities say solar doesn’t work in the Sunshine State, but it sure does in Georgia,” January 30th 2015, and “Utilities their tune on solar power,” May 29th 2015, both by Ivan Penn in the *Tampa Bay Times*. 2) “Can Coal Ever Be Clean?” By Michelle Nijhuis, *National Geographic*, April 2014. 3) “The Dilbit Disaster: Inside the biggest oil spill you’ve never heard of.” This series by the five-year-old online publication InsideClimate News won the 2013 Pulitzer Prize for national reporting for its cautionary tale preceding policy debate for TransCanada Corporation’s proposed Keystone XL pipeline, [http://www.pulitzer.org/works/2013-National-Reporting](http://www.pulitzer.org/works/2013-National-Reporting)

**Class Story Meeting:** Q&A with Bruce on the energy beat, and making a living covering the environment. First round of greenwashing presentations.

**Week 14 November 30**

**International Environmental Reporting:** 21st Century globalism means we’re all connected to life, water, and land on other continents, from toxic chemical pollution in China linked to our products and companies to the dumping of our digital waste in Ghana. Climate change, species extinction, water strife, and all major environmental issues are at once local and global. Making the international connections offers great opportunities for journalists and also requires overcoming lots of assumptions about the rest of the world. (Including assumptions about the p-word, population growth. For example, many studies indicate the developed world’s consumption trumps population growth when it comes to contributing to climate change.)


**Class story meeting:** International reporting and resources, grants available for international environment, climate, population and health journalism. Last greenwashing presentations. If time, we’ll watch filmmaker Annie Leonard’s documentary “The Story of Stuff.” Many core issues on the environmental beat, from water to energy to food, circle back to over-consumption and waste.
Week 15 December 5th DUE 12/5 BEFORE CLASS, TO CANVAS: Final draft, long-form environmental story, 1,500 to 2,000 words

**Sustainability and success stories.** Humans have turned around major environmental crises, including acid rain at the global level; littering at the national level; the clean-ups of severely polluted water bodies from the Hudson River to Tampa Bay. Reporting on both steady progress and success is crucial to give people a sense of solutions – and hope for the future.


**Class story meeting:** Getting Published, Promoting Your Work and Careers in Environmental Journalism. The good, the bad, and the ugly of making EJ a career. Also: pitching your story to professional outlets; building your brain trust; finding and keeping professional mentors; social media and how to promote your work without being insufferable.

**Last but not least**

**ENVIRONMENTAL JOURNALISM CLASS POLICIES**

**Academic Honesty** is expected at all times. As a UF student, you’ve agreed to comply with the University Honor Code. Please make sure you understand the code and consequences, which are here: https://www.dso.ufl.edu/scsr/process/student-conduct-honor-code/. Any violations of this code in Environmental Journalism class will be reported to the Dean of Students. You must also pay special attention to journalistic ethics and issues of plagiarism and copyright; please read and understand UF’s College of Journalism and Communications statement on these matters: www.jou.ufl.edu/academics/bachelors/journalism/academic-honesty/

**Class attendance and make-up exams:** Requirements for class attendance and make-up exams, assignments, and other work in this course are consistent with UF policies: https://catalog.ufl.edu/ugrad/current/regulations/info/attendance.aspx

**Late assignments/quizzes policy:** All assignments/quizzes must be submitted before our 10:40 class time on the day they’re due. Papers turned in later that day will be considered a day late. Your grade will drop one full letter grade for every day overdue.

**Food and beverages:** No food is allowed in our lab classroom, so I will ensure a lunch and fresh-air break. Beverages in durable, reusable containers are OK. Please, no bottled water or any beverages in disposable containers. We’ll talk about why.

**Students with disabilities:** All reasonable accommodations will be made. Should you need them, please register first with the Disability Resource Center (352-392-8565,
www.dso.ufl.edu/drc/) and provide appropriate documentation. Once registered, students will receive an accommodation letter which must be presented to the instructor when requesting accommodation. Please follow this procedure as early as possible in the semester.

**Course and instructor evaluations:** Students are expected to provide feedback on the quality of instruction in this course by completing online evaluations at https://evaluations.ufl.edu. Evaluations are typically open during the last weeks of the semester; you’ll be given specific times when they are open. Summary results of these assessments are available for students at: https://evaluations.ufl.edu/results/

**Your instructor: Cynthia Barnett** is an award-winning environmental journalist specializing in water, and this year’s Hearst Visiting Professional at UF’s CJC. She is the author of three water books: *Rain: A Natural and Cultural History* (2015); *Blue Revolution: Unmaking America’s Water Crisis* (2011); and *Mirage: Florida and the Vanishing Water of the Eastern U.S.* (2007). Cynthia has written for the *New York Times, Los Angeles Times, Wall Street Journal, the Atlantic, Salon, Politico, Orion, Ensia* and many other publications. She is a UF alumnus, with a bachelor’s in journalism and master’s in environmental history, and spent a year as a Knight-Wallace Fellow at the University of Michigan studying freshwater.