

JENNIFER JACQUET
Department of Environmental Studies
New York University
Curriculum Vitae

ACADEMIC POSITIONS

NEW YORK UNIVERSITY, NEW YORK, NY

Associate Professor, Department of Environmental Studies, September 2019 – present
Affiliated Faculty, Stern School of Business / Affiliated Faculty, Center for Data Science

NEW YORK UNIVERSITY, NEW YORK, NY

Assistant Professor, Department of Environmental Studies, September 2014 – August 2019

NEW YORK UNIVERSITY, NEW YORK, NY

Clinical Assistant Professor, Environmental Studies Program, September 2012 – August 2014

UNIVERSITY OF BRITISH COLUMBIA, VANCOUVER, BC

Postdoctoral researcher, *Sea Around Us* Project, November 2009 - August 2012

Postdoctoral researcher, Mathematics Department, November 2010 - August 2012

THE NEW SCHOOL, NEW YORK, NY

Lecturer, Social Sciences/Behavioral Economics, summer 2011

WESTERN WASHINGTON UNIVERSITY, BELLINGHAM, WA

Lecturer, Huxley Department of Environmental Sciences, 2007-2010 (7 quarters total)

UNIVERSITY OF CALIFORNIA, SAN DIEGO, CA

Co-lecturer (with Jeremy Jackson), Scripps Institution of Oceanography, winter 2009

DEPARTMENT OF ZOOLOGY, CAMBRIDGE UNIVERSITY, CAMBRIDGE, UK

Visiting researcher, Conservation Science Unit, winter 2008

EDUCATION

UNIVERSITY OF BRITISH COLUMBIA, VANCOUVER, BC

Ph.D. Resource Management and Environmental Studies, November 2009

Dissertation: Fish As Food in an Age of Globalization

Advisor: Daniel Pauly

CORNELL UNIVERSITY, ITHACA, NY

M.S. Environmental Economics, August 2004

Advisors: Duane Chapman & David Pimentel

WESTERN WASHINGTON UNIVERSITY, BELLINGHAM, WA

B.A. Economics/Environmental Studies (*cum laude*), June 2002

DISSERTATION

Jacquet, J. (2009) Fish As Food in an Age of Globalization, Doctoral dissertation, University of British Columbia
<https://open.library.ubc.ca/media/download/pdf/24/1.0067682/1>

ACADEMIC SERVICE

Deputy Director, Center for Environmental and Animal Protection, NYU, September 2018 - present
Associate Editor, *Science Advances*, September 2017 – present

RESEARCH GRANTS, AWARDS, AND FELLOWSHIPS

- 2019** Mega-Grants Initiative Award (co-PI Yanoula Athanassaki) (\$7000)
2018 Center for Environmental and Animal Protection (co-PI Sonali McDermid) (\$24,500)
2016 National Wildlife Federation -- funded (\$23,000 requested and received)
USAID Wildlife Crime Tech Challenge Grand Prize Winner -- funded (\$83,000 requested and received)
Pew Marine Conservation Fellowship -- funded (\$150,000 prize)
USAID Wildlife Crime Tech Challenge Prize Winner -- funded (\$10,000 prize)
2015 Alfred P. Sloan research fellowship -- funded (\$50,000 prize)
Moore-Sloan Data Science Environment proposal for a post-doctoral fellow -- funded (~\$200,000 requested and received)
2013 NYU Green Grant support Evidence-Based Conservation course development -- funded (\$4,500 requested and received)

PEER-REVIEWED PUBLICATIONS

- Schiller, L., M. Bailey, **J. Jacquet**, E. Sala (2018) High seas fisheries play a negligible role in addressing global food security. *Science Advances* 4(8):eaat8351.
- Johns, L., **J. Jacquet** (2018) Doom and gloom versus optimism: an assessment of ocean-related U.S. science journalism (2001-2015). *Global Environmental Change* 50: 142-148.
- Jacquet, J.** (2017) Guilt and shame in U.S. climate change communication. *The Oxford Encyclopaedia of Climate Change Communication*.
- King, M., C. T. Bergstrom, S. Corell, **J. Jacquet**, J. West. (2017) Men set their own cites high; Gender and self citation across fields and over time. *Socius* 3: 1-22.
- Ewell, C. S. Cullis-Suzuki, M. Ediger, J. Hocevar, D. Miller, **J. Jacquet** (2017) Potential ecological and social benefits of a moratorium on transshipment on the high seas. *Marine Policy* 81: 293-300.
- Jacquet, J.**, J. Sebo, M. Elder (2017) Seafood in the future: Bivalves are better. *Solutions* 8: 27-32.
- Jacquet, J.**, D. Jamieson (2016) Soft but significant power in the Paris Agreement. *Nature Climate Change* 6: 643-646.
- Abrams, P.A., D.G. Ainley, L.K. Blight, P.K. Dayton, J.T. Eastman, **J. Jacquet** (2016) Necessary elements of precautionary management; implication for the Antarctic toothfish. *Fish and Fisheries* 17: 1152-1174.
- Jacquet, J.**, E. Blood-Patterson, C. Brooks, D. Ainley (2016) ‘Rational use’ in Antarctic waters. *Marine Policy* 63: 28-34.
- Waring, T. M., M. Ann Kline, J. S. Brooks, S. H. Goff, J. Gowdy, M. A. Janssen, P. E. Smaldino, **J. Jacquet** (2015) A multilevel evolutionary framework for sustainability analysis. *Ecology and Society* 20: 34.
- Jacquet, J.**, M. Dietrich, J. Jost (2014) The ideological divide and climate change opinion: “top down” and “bottom-up” approaches. *Frontiers in Psychology* 5: 1-6.

- Jacquet, J.**, K. Hagel, C. Hauert, J. Marotzke, T. Röhl, M. Milinski. (2013) Intra- and inter generational discounting in the climate game. *Nature Climate Change* 3:1025-1028.
- Jacquet, J.** (2013) The anthropocebo effect. *Conservation Biology* 27: 898-899.
- West, J., **J. Jacquet**, M. King, S. Correll, C. T. Bergstrom. (2013) The role of gender in scholarly authorship. *PLoS One* 8(7): e66212.
- Christian, C. Ainley, D., Bailey, M. Dayton, P., Hocevar, J., Levine, M., Nikoloyuk, J., Nouvian, C., Velarde, E., Werner, R., **Jacquet, J.*** (2013) A review of formal objections to Marine Stewardship Council fisheries certifications. *Biological Conservation* 161: 10-17 (*corresponding author).
- Jacquet, J.**, D. Frank, C. Schlottman. (2013) Asymmetrical contributions to the tragedy of the commons and some implications for conservation. *Sustainability* 5: 1036-1048.
- Johnson, A.E., J. Cinner, M. Hardt, **J. Jacquet**, T.R. McClanahan, J.N. Sanchirico (2013) Trends, current understanding, and future research priorities for artisanal coral reef fisheries. *Fish and Fisheries* 14: 281-292.
- Trujillo, P., C. Piroddi, **J. Jacquet** (2012) Fish farms at sea: the ground truth from Google Earth. *PLoS ONE* 7: e30546.
- Sumaila, U.R., A.M. Cisneros, A. Dyck, L. Huang, W. Cheung, **J. Jacquet**, K. Kleisner, V. Lam, A. McCrea Strub, W. Swartz, R. Watson, D. Zeller, D. Pauly (2012) Impact of the *Deepwater Horizon* well blowout on the economics of US Gulf fisheries. *Canadian Journal of Fisheries and Aquatic Sciences* 69: 1-12.
- Jacquet, J.**, C. Hauert, A. Traulsen, M. Milinski (2011) Shame and honour drive cooperation. *Biology Letters* 7: 899-901. *Featured in *Science* as 'Editors Choice'.
- Jacquet, J.**, I. Boyd, J.T. Carlton, H. Fox, A. E. Johnson, L. Mee, J. Roman, M. Spalding, W.J. Sutherland (2011) Scanning the oceans for solutions. *Solutions* 2: 46-55.
- Jacquet, J.**, J.Hocevar, S. Lai, P. Majluf, N. Pelletier, T. Pitcher, E. Sala, R. Sumaila, D. Pauly (2010) Conserving wild fish in a sea of market based efforts. *Oryx* 44: 45-56.
- Jacquet, J.**, H. Fox, H. Motta, A. Ngusaru, D. Zeller (2010) Few data but many fish: marine small scale fisheries catches for Mozambique and Tanzania. *African Journal of Marine Science* 32: 97-106.
- Jacquet, J.**, D. Zeller, D. Pauly (2010) Counting fish: a typology for fisheries catch data. *Journal of Integrative Environmental Sciences* 7: 135-144.
- Jacquet, J.** (2009) What can conservationists learn from investor behavior? *Conservation Biology* 23: 518-519.
- Jacquet, J.** (2009) Silent water: A brief examination of the marine fisheries crisis. *Environment, Development & Sustainability* 11: 255-263.
- Jacquet, J.**, J.J. Alava, P. Ganapathiraju, S. Henderson, D. Zeller (2008) In hot soup: sharks captured in Ecuador's waters. *Environmental Sciences* 5(4): 269-283.
- Jacquet, J.**, D. Pauly (2008) Funding priorities: big barriers to small-scale fisheries. *Conservation Biology* 22: 832-835.
- Jacquet, J.**, D. Pauly (2008) Trade secrets: renaming and mislabeling seafood. *Marine Policy* 32: 309-318.

Jacquet, J., D. Pauly (2007) The rise of consumer awareness campaigns in an era of collapsing fisheries *Marine Policy* 31: 308-313.

OTHER ARTICLES IN ACADEMIC JOURNALS

Jacquet, J., Franks, B., Godfrey-Smith, P. (2019) The octopus mind and the argument against farming it. *Animal Sentience* 26(19).

Jacquet, J., Franks, B., Godfrey-Smith, P., & Sanchez-Suarez, W. (2019) The case against octopus farming. *Issues in Science and Technology*, 35(2): 37-44.

Jacquet, J. (2018) Defining denial and sentient seafood. *Animal Sentience* 129 (commentary on Sneddon et al. on Sentience Denial).

Jacquet, J., J.B.C. Jackson (2018) High stakes on the high seas. *Science Advances* 4(8):eaau8235.

Brooks, C., D. Ainley, P. Abrams, P. Dayton, B. Hofman, **J. Jacquet**, D. Siniff. (2018) Watch over Antarctic waters. *Nature* 558: 177-180.

Jacquet, J., N. Delon. (2016) The values behind calculating the value of trophy hunting. *Conservation Biology* 30: 910-911 (letter in response to Naidoo et al. 2016).

Jacquet, J., C. Brooks (2015) It is rational to protect Antarctica. *Nature* 528: 39 (short correspondence).

Jacquet, J., J. Estes, J.B.C. Jackson, A.E. Johnson, N. Knowlton, L. McClenachan, D. Pauly, E. Sala (2015) Ocean calamities: hyped litany or legitimate concern? *BioScience* 65: 745-746.

Jacquet, J. (2015) Experimental insights: testing climate change cooperation in the lab. *Social Research* 82: 637-651.

Christian, C. Ainley, D., Bailey, M. Dayton, P., Hocevar, J., Levine, M., Nikoloyuk, J., Nouvian, C., Velarde, E., Werner, R., **Jacquet, J.*** (2013) Not “the best environmental choice in seafood”. *Biological Conservation* 165: 214-15 (*corresponding author).

Jacquet, J., C. Hauert, A. Traulsen, M. Milinski (2012) Can shame and honor save cooperation? *Communicative & Integrative Biology* 5: 209-213.

Jacquet, J. (2015) On the persistent gray area between teaching and punishment (commentary on Klein’s “How to learn about teaching: An evolutionary framework for the study of teaching behavior in humans and other animals”). *Behavioral and Brain Sciences* 38: 27.

Jacquet, J., D. Pauly, D. Ainley, P. Dayton, S. Holt, J. Jackson (2010) Seafood stewardship in crisis. *Nature* 467: 28-29. Chosen as one of *Nature*’s top 6 comment pieces of 2010.

BOOKS

Jacquet, J. (2015) *Is Shame Necessary? New Uses for an Old Tool* Pantheon (USA), Penguin (UK), Fisher (Germany), Codice (Italy), KPI (Korea), and Alpina (Russia)

BOOK CHAPTERS

Jacquet, J. “Shame” in Imre Szeman, Jennifer Wenzel and Patricia Yaeger, eds., *Fueling Culture: Energy, History, Politics*. New York: Fordham University Press, in press.

Sumaila, U.R., **Jacquet, J.**, and A. Witter (2017) “When bad gets worse: corruption and fisheries” pp. 93-105 in *Corruption, Natural Resources and Development* edited by Aled Williams and Philippe Le Billon. Edward Elgar Publishing, Northampton, MA.

Jacquet, J. (2011) “Is Shame Necessary?” pp. 128-140 in *Future Science: 19 Essays from the Cutting Edge* edited by Max Brockman. Vintage Press, New York.

Jacquet, J. (2011) “Beyond food: fish in the 21st Century” pp. 120-127 in *Ecosystem Approaches to Fisheries* edited by Villy Christensen and Jay Maclean. Cambridge University Press, Cambridge, UK.

Jackson, J. & **J. Jacquet.** (2011) “The shifting baselines syndrome: perception, deception and the future of our oceans” pp. 128-141 in *Ecosystem Approaches to Fisheries* edited by Villy Christensen and Jay Maclean. Cambridge University Press, Cambridge, UK.

Bailey, M, S. Quatey, A.K. Armah, **J. Jacquet**, A. Khan, J. Alder, U.R. Sumaila. (2010). Meeting socioeconomic objectives in Ghana's sardinella fishery. In D.M. Nanang and T.K. Nunifu (Eds) *Natural Resources in Ghana: Management, Policy and Economics*. Nova Publishers.

Pimentel, D., T. Petrova, M. Riley, **J. Jacquet**, V. Ng, J. Honnigman, and E. Valero. (2006) Conservation of Biological Diversity in Agricultural, Forestry, and Marine Systems. In *Focus on Ecology Research*. Burk, A. R. (Ed.), pp. 151-173.

STUDENT SUPERVISION

Undergraduate Students as Research Assistants

Christopher Ewell (2014-2016; 2018-2019) student at Yale Law School (September 2019-present)

Gabrielle Carmine (2018-2019) Ph.D. student at Duke University (September 2019-present)

Michael Hou (2018)

Jasmin Jiminez (2018)

Miranda Burnham (2017)

Melissa Cronin (2014) Ph.D. student at UC, Santa Cruz (September 2017 - present)

Masters Students as Research Assistants

Oliver Lazarus (2018)

Gallatin Colloquia

Miranda Burnham (2017)

Sindhu Bharadwaj (2015)

Rachel Karasik (2013)

External Thesis Examinations

Catherine Macdonald, University of Miami (2017)

Aaron Welch, University of Miami (2015)

INVITED PRESENTATIONS & CONFERENCE TALKS

2019 Environment and Natural Resources Program, Harvard Kennedy School, Cambridge, MA

2018 Pew Fellows Meeting, Sooke, BC
Detect & Prevent: AI Collaboration to End Wildlife Trafficking, Microsoft, Bellevue, WA
Lecture in “Facilitating Change in Coastal Science and Policy” course, UC Santa Cruz, CA
Behavioral Decision Making seminar, Anderson School of Management, UCLA, CA

- 2017** Animal Consciousness Conference, NYU, NY Rethinking Animals Summit, New York, NY
Green Series, Brooklyn Public Library (Greenpoint Branch), New York, NY
Résistance(s), New York, NY
Asad Raza's Weekend Guests, White Museum of American Art, New York, NY
- 2016** Wildlife Trafficking Workshop, Microsoft, Sunnyvale, California
Skidmore College Environmental Studies and Sciences, Saratoga Springs, NY
Computational Sustainability Conference, Cornell University, Ithaca, NY
Wildlife Crime Tech Challenge Winners Event, Washington, D.C.
Pew Fellows Meeting, Netherlands
Department of Environmental Studies, University of Victoria, Victoria, BC, Canada
Hume Fogg High School, Nashville, TN
Résistance(s), Paris, France
Society for Personality and Social Psychology Conference, San Diego, CA
CASBS, Stanford University, Palo Alto, CA
Scripps Institution of Oceanography, UCSD, La Jolla, CA
- 2015** Institut Jean Nicod (EHESS-ENS-CNRS), Paris, France
University Seminar, Columbia University, NY, NY
End of Oil, University of Alberta, Alberta, Canada
Department of Biology, Queens College, NY, NY
Department of Environmental Studies, UCSC, Santa Cruz, CA
Center for Tropical Research, UCLA, Los Angeles, CA
Building the Future of Fisheries, Yale University, New Haven, CT
Chatham House, The Royal Institute of International Affairs, London, UK
School of Life, London, UK
Digital Animals conference, NYU, NY, NY
Harvard Book Store, Cambridge, MA
Politics & Prose, Washington, DC
New York State Writer's Institute, Albany, NY
- 2014** Serpentine Gallery Extinction Marathon, London, UK
WIRED conference, London, UK
Department of Economics, Fordham University, New York, NY
Swedish Foundation for Strategic Environmental Research, Stockholm, Sweden
New England Aquarium, Boston, MA
Climate Change Demands We Change. Why Aren't We? The New School, NY, NY
Paduano lecture, Stern School, New York University, New York, NY
Environmental Science Graduate Student Association, Rutgers University, NJ
Big Green Theatre, Bushwick, NY, NY
DLD, Munich, Germany
- 2013** Yale Food Systems Symposium, New Haven, CT
Centre for Global Cooperation Research, Duisburg, Germany
Max Planck Institute for Evolutionary Anthropology, Leipzig, Germany
Human Behavior and Evolution Society, Miami, FL
Workshop: Evolutionary Approaches to Social-Ecological Systems, University of Maine
Critic, Landscape Architecture Ecology & Technology, University of Toronto, Canada
Big Green Theatre, Bushwick, Brooklyn, NY
- 2012** Aspen Institute Ocean Community Dialogue, Fort Baker, Sausalito, CA
Knobe Lab, Yale University, New Haven, CT
Max Planck Institute, Department of Evolutionary Biology, Plön, Germany

DLDwomen, Munich, Germany
Topics in Modern Biology course, University of Puerto Rico, San Juan, PR

- 2011** Serpentine Gallery Gardens Marathon, London, UK
SciFoo (hosted by Google, Nature, & O'Reilly Media), Mountain View, CA
Environmental Justice Series, Dartmouth University, Hanover, NH
International Marine Conservation Congress, Victoria, BC
Pacific Institute for Math Sciences Young Researchers Conference, Vancouver, BC
Seafood Summit, Vancouver, BC
Seminar in Mathematical Biology/Centre for Applied Ethics, UBC, Vancouver, BC
Scripps Institution of Oceanography, UCSD, La Jolla, CA
- 2010** Coastal Conservation Action Lab, UCSC, Santa Cruz, CA
School of Environmental Management, Simon Fraser University, Vancouver, BC
Café Scientifique, Vancouver, BC
University of Hong Kong, Hong Kong
Blue Film Festival, Monterey, CA
SciFoo (hosted by Google, Nature, & O'Reilly Media), Mountain View, CA
Human Behavior and Evolution Society, Eugene, OR
Food Film Festival/Int'l Assoc. of Culinary Professionals, Portland, OR
World Affairs Conference, San Francisco, CA
AAAS, San Diego, CA (panel organizer and presenter; discussant on separate panel)
- 2009** Oceans Past II conference, Vancouver, BC
International Marine Conservation Congress, Washington, DC
Student Conference for Conservation Science. Cambridge University, UK
Kettle's Yard Problemathon, Cambridge University, UK
Max Planck Institute, Department of Evolutionary Biology, Plön, Germany
Fauna & Flora International, Cambridge, UK
Coral Reef Alliance, San Francisco, CA.
- 2008** Department of Biological Sciences, Simon Fraser University, Vancouver, BC
Scripps Institution of Oceanography, UCSD, La Jolla, CA
Society for Conservation Biology Conference, Chattanooga, TN
International Coral Reefs Symposium, Ft. Lauderdale, FL
*American Fisheries Society North Pacific International Chapter, Bellingham, WA (*winner of best student talk)
- 2007** Western Indian Ocean Marine Science Association, Durban, South Africa
Fisheries Departments, Maputo, Mozambique and Dar Es Salaam, Tanzania
Agriculture, Food, and Human Values Conference, University of Victoria, Victoria, BC
North American Association of Fisheries Economists, Mérida, Mexico
Scripps Institution of Oceanography, UCSD, La Jolla, CA

SELECTED POPULAR WRITING

- "Why oysters, mussels, and clams could hold the key to more ethical fish farming" *The Guardian*, January 23, 2017
"America - stop visiting roadside zoos, they make money from the inhumane treatment of animals" *The Guardian*, November 27, 2016
"Human Error" *Lapham's Quarterly*, Disaster issue, Spring 2016
"Big oil and baboons: Culture, conscience, and climate denial" *Humans and Nature*, October 24, 2015
"Here's what to hope for from the Paris climate talks" (with Dale Jamieson) *Grist*, October 13, 2015
"The shaming of Walter Palmer for killing Cecil the Lion" *The Conversation*, August 7, 2015

“Public shaming makes the world a better place” *WIRED UK*, July 24, 2015

“We are not *not* evolved to deal with climate change” *Humans and Nature*, September 1, 2014

EXAMPLE MEDIA COVERAGE

“EGI: Filling in the gaps in law enforcement for the Internet wildlife trade” Mongabay, October 3, 2016

“The deep, dark, ugly thing -- can shame shape society?” Laura Kipnis, *Harper's Magazine*, May 2015

“Ashamed of Is Shame Necessary?” *Breitbart News*, April 11, 2015

Morgan Freeman's *Through the Wormhole* Season 5 episode “Is Poverty Genetic?” Spring 2014