

Curriculum Vitae August 2023

Professional Positions and Affiliations

Faculty Associate, School of Life Sciences, Arizona State University	2022-
Instructor, School of Life Sciences, Arizona State University (Retired 2022)	2007–2022
Faculty Affiliate, ASU School for the Future of Innovation in Society	2015–
Faculty Affiliate, Barrett, the Honors College at ASU	2008–
Huntington Visiting Fellow, Corpus Christi College, Oxford University	2014–2015
Adjunct Professor, Dept. of Natural Sciences, Scottsdale Community College	2010–2011
Assistant Research Professor, School of Life Sciences, Arizona State University	2009–2014
Adjunct Professor, School of Life Sciences, Arizona State University	2008–2016
Instructor, Barrett Honors College, Arizona State University	2007–2008
Instructor, Barrett Summer Scholars, Arizona State University	2006, 2008
Natural Resources Planner, Arizona State Parks	1993–2001
Field Biologist / NEPA Specialist, Gutierrez-Palmenberg Inc., Phoenix, AZ	1991–1993

Education

B.S. 1990. Recreation Resources Management (Environmental Interpretation) Colorado State University
M.S. 1991. Range Science (Ecology) Colorado State University.
Ph.D. 2006. Biology (Biology and Society) Arizona State University

Online Presence and Citation Statistics (as of 9 February 2021)

Academia.edu: 16,148 paper views from at least 141 countries; 2593 full text downloads.
ResearchGate.net: 10,130 reads; 1,425 citations. RIS 896 (top 8%)
Google Scholar: 2,058 Citations; *h*-index 13, *i10*-index 13
Other: Cited in over 300 different peer-reviewed journals

Projects in Development

An Ecological Pandemonium: Charles Elton and Introduced Species (Book proposal)
*Saltcedar! The Tangled Tale of *Tamarix Americana** (Book proposal)
Green Supremacy: The Rise of Eco-nativism (Book proposal)

Grants and Awards Received:

Swiss National Science Foundation: Doctoral Research Grant, Camille Schneider. Creatures of the Anthropocene, A Bioconstitutional History of Neobiota in Switzerland. 2023-2025
Exchange Fellowship. Huntington Library– Corpus Christi College, Oxford, 2014-15.
Travel Grants. History of Science Society, 2010. ASU Center for Biology & Society. 2007, 2008, 2009, 2010, 2011, 2012, 2014, 2017, 2018, 2019.
Outstanding Senior in Environmental Interpretation. Colorado State University School of Forestry and Natural Resources, 1990.
Colorado Scholars Award. Colorado State University, 1987

Grants and Awards Pending:

USDA Research Grant, PI Matthew Olson, Texas Tech University: Correlating *Tamarix* genomes with distribution and persistence of *Diorhabda* spp. In the Western US. Under development.
NSF Research Grant, PI Matthew Olson, Texas Tech University: Reconstructing the introduction history and range expansion of *Tamarix* in the western U.S. Rated fundable but unfunded 2022, a revision is pending.

Honors, Invited Publications, Keynote and Invited Presentations

- Invited Presentation (scheduled): *What Species Can Do*. Ewha Womans University, EcoScience Seminar Series. Seoul, South Korea. 6 October 2023.
- Invited Presentation (upcoming): An untitled (TBA) conversation with video artist Chansook Choi, Twelfth Seoul (South Korea) Mediacity Biennale “This Too is a Map”, 7 October 2023.
- Invited Presentation: *Beta Diversity: What belongs where, and how do we know?* Central Arizona Chapter, Society for Conservation Biology. Tempe, AZ. 9 March 2021.
- Invited Presentation: *What’s an Alien?* Combined Environmental Ethics and Ecological Restoration classes, Prescott College, Prescott AZ, 26 April 2018.
- Invited Presentation: *Invasive Species: What belongs where?* Highlands Center for Natural History, Prescott, AZ, 20 February 2018.
- Nomination: 2017-18 ASU College of Liberal Arts and Sciences Outstanding Lecturer or Instructor Award.
- Keynote Presentation: *Alien Invasive Species: Three wrongs don’t make a right*. Third International Compassionate Conservation Conference. University of Technology, Sydney. Leura, NSW, Australia. 21 November 2017.
- Invited Book Chapter: Chew, M.K. 2017 Indigene vs. Alien in the Arab Spring: A view through the lens of Invasion Biology. IN U. Rabi and A. Bouasria, EDS. *Lost in Translation: Forgotten Paradigms of the Arab Spring*. Eastbourne, UK: Sussex Academic Press. 99-121
- Invited Presentation: *Invasive Species are Neither, and Why it Matters*. Maricopa Audubon Society, Phoenix, AZ November 3, 2015; Boyce Thompson Arboretum, Superior AZ, December 2, 2015; Superstition Area Land Trust, Apache Junction AZ, February 24, 2016.
- Invited Journal Article: Chew, M.K. 2015 Ecologists, Environmentalists, Experts, and the Invasion of the Second Greatest Threat. *International Review of Environmental History* 1:7-40.
- Invited Webinar Presentation: *Thinking About “Invasive Species.”* University of New Mexico; University of California, Berkeley; University of Alaska, Fairbanks. The Human Dimension of Natural History Biology 402-502, 2 September 2014.
- Invited Webinar Presentation: *How Did Weeds Became Invaders?* University of Nebraska, Lincoln, North American Invasive Plant Short Course. 6 February 2014. <https://connect.unl.edu/p8ozwok9nem/>
- Invited Book Chapter: Chew, M.K. 2013. Tamarisk Introduction, Naturalization and Control in the United States 1818-1952 IN A. Sher and M. Quigley EDS. *Tamarix: A Case Study of Ecological Change in the American West*. New York: Oxford University Press.
- Invited Presentation: *Hearts, Minds and “Invasive” Species*. Beyond Pesticides 31st National Pesticide Forum. “Sustainable Families, Farms and Food: Resilient Communities Through Organic Practices.” University of New Mexico, Albuquerque NM, 6 April 2013
- Invited Workshop Panelist: *Organic Land Management and Cutting Edge Alternatives*. Beyond Pesticides 31st National Pesticide Forum. “Sustainable Families, Farms and Food: Resilient Communities Through Organic Practices.” University of New Mexico, Albuquerque NM, 6 April 2013
- Invited Presentation: *Biological invasions aren’t invasions—And why that matters to science and society*. University of Nevada, Reno. Ecology, Evolution and Conservation Biology Colloquium Series. Reno, NV 21 February 2013.
- Invited Moderator: Film discussion panel, *Watershed: Exploring a new water ethic for the New West*. ASU Global Institute of Sustainability and the Arizona Riparian Council, Tempe AZ, 27 September 2012.
- Invited Panelist: *Science Magazine*, ScienceNOW Live Chat: Invasive Species—Threats or Just Misunderstood? 26 July 2012. <http://news.sciencemag.org/sciencenow/2012/07/live-chat-invasive-species--thre.html>

- Invited Panelist: *Adopting and Adapting a Father: Charles Elton's Meaning to Invasion Biology*. University of Sydney Environmental Humanities Group Conference: Rethinking Invasion Ecologies: Natures, Cultures, and Societies in the Age of the Anthropocene. Sydney, NSW, Australia. June 2012.
- Invited Plenary Panelist: *The Surprising History of Biological Invasions: Certain uncertainties, philosophical failures and metaphorical mistakes*. American Fisheries Society, Idaho Chapter Annual Conference, Coeur d'Alene Idaho, March 2012.
- Invited Presentation: *Natives and Aliens: Not Even a Good Idea*. 30th Public Interest Environmental Law Conference, Eugene, Oregon, March 2012.
- Invited Commentary: Chew, M.K. & S.P. Carroll. 2011. The Invasive Ideology. *The Scientist*. <http://thescientist.com/2011/09/07/opinion-the-invasive-ideology>.
- Invited Encyclopedia Entry: Chew, M.K. 2011. Invasion Biology: Historical Precedents IN D. Simberloff and M. Rejmánek, EDS. *Encyclopedia of Biological Invasions*. Berkeley: U.California Press. 369-375
- Invited Book Chapter: Chew, M.K. 2011. Anekeitaxonomy: Botany, Place and Belonging. IN I.D. Rotherham and R.A. Lambert, EDS. *Invasive and Introduced Plants and Animals: Human Perceptions, Attitudes and Approaches to Management*. London: Earthscan.137-152.
- Invited Book Chapter: Chew, M.K. and A.H. Hamilton. 2011. The Rise and Fall of Biotic Nativeness: A Historical Perspective. IN D. Richardson, ED. *Fifty Years of Invasion Ecology: The Legacy of Charles Elton*. Oxford: Wiley-Blackwell. 35-47.
- Invited Presentation: *Pragmatic Environmentalism*. Arizona Association of Environmental Professionals. Scottsdale, AZ, 24 May 2011.
- Invited Panelist: Second Annual 21st Century Challenges for Conservation Biology. Central Arizona Chapter, Society for Conservation Biology. Tempe, AZ April 2011.
- Invited Presentation: *Where Natives Come From*. Northern Arizona University, Forestry Graduate Students Association Seminar Series. Flagstaff, AZ, 27 October 2010.
- Invited Panelist: 21st Century Challenges for Conservation Biology. Society for Conservation Biology, Central Arizona Chapter. Tempe, AZ April 2010.
- Invited Commentary: Chew, M.K. 2010. Culling Lionfish Doesn't Actually Improve Nature. *Scuba Diving* 19(2):73-74.
- Invited Presentation: *No Place Like Home: The Competing Social Metaphors of Ecological Science*. University of Tasmania: School of Government and Environment Centre. Hobart, Australia, July 2009.
- Invited Keynote Presentation: *Tamarisk: From Good and Pretty to Bad and Ugly*. Arizona Riparian Council, Annual Meeting, Camp Verde, Arizona. April 2009.
- Invited Keynote Presentation *The Dagger and the Asterisk*. Symposium: Fifty Years of Invasion Ecology – the Legacy of Charles Elton. Stellenbosch, South Africa. November 2008.
- Invited Presentation: *Is it Really an Invasion?* McDowell Sonoran Conservancy, Scottsdale AZ, June 2007.
- Invited Journal Article: Stromberg, J.C., S.J. Lite, & M.K. Chew, 2003. Alien plants and riparian ecosystem restoration: The *Tamarix* case. (*Southwest Hydrology* 2(2): 22-23
- Invited Newspaper Op-Ed. Chew, M.K., 2005. Alien grasses are finding new homes in Arizona. *High Country News* 12 September 2005. <http://www.hcn.org/wotr/15802>
- Invited Journal Article: Stromberg, J.C. & M.K. Chew. 2003. Fire and riparian ecosystems. *Southwest Hydrology* 2(2):23
- Invited Book Chapter: Stromberg, J.C. & Chew, M.K. 2003. Flood pulses and restoration of riparian vegetation in the American southwest. 11-49 IN B.A. Middleton, ED. *Flood Pulsing in Wetlands: Restoring the Natural Hydrological Balance*. New York: John Wiley & Sons. 11-49.
- Invited Book Chapter: Stromberg, J.C. & M.K. Chew 2002. "Foreign visitors in riparian corridors of the American Southwest: Is xenophytophobia justified?" 195-219 IN B. Tellman, ED. *Invasive Exotic Species in the Sonoran Region*. Tucson: University of Arizona Press.

Invited Presentation: Stromberg, J.C. & M.K. Chew. Monsters from Another World: Arizona Aliens. Desert Botanical Garden, Phoenix AZ, July 2002.

Invited Commentary: Chew, M.K. 2000. When is a Cave Not a Cave? *Australasian Journal of Cave and Karst Management* 39.

Contributed Publications

- Davis, M.A. and M.K. Chew. 2017. The Denialists are Coming! Well, not exactly: A response to Russell and Blackburn. *Trends in Ecology and Evolution* 32(4): 229-230.
- Chew, M.K. 2014. A Picture Worth Forty-one Words: Charles Elton, Introduced Species, and the 1936 Admiralty Map of British Empire Shipping. *Journal of Transport History* 35(2):225-235.
- Chew, M.K. 2013. The Balance of Nature. IN B. Black, ED. *Climate Change: An Encyclopedia of Science and History*. Oxford: ABC-CLIO. 129-136
- Chew, M.K. 2012. Species Extinction. IN S.G. Philander, ED. *Encyclopedia of Global Warming and Climate Change*. 2nd Edition. Thousand Oaks: Sage Publications. 1283-1289
- Makings, E., L. Butler, M. Chew, & J. Stromberg. 2011. Noteworthy collections from Tempe Town Lake Riverbed. *Desert Plants* 27(1):3-10.
- Davis, M.A., M.K. Chew, R.J. Hobbs, A.E. Lugo, J.J. Ewel, G.J. Vermeij, J.H. Brown, M.L. Rosenzweig, M.R. Gardener, S.P. Carroll, K. Thompson, S.T.A. Pickett, J.C. Stromberg, P. Del Tredici, K.N. Suding, J.G. Ehrenfeld, J.P. Grime, J. Mascaro and J.C. Briggs. 2011. Don't judge species on their origins. *Nature* 474:153-154. DOI:10.1038/474153a
- Chew, M.K. 2011. The Emergence of the American Ranch. IN A. Andrea and C. Neel, et al., EDS. *World History Encyclopedia*. Oxford: ABC-CLIO.
- Chew, M.K. 2009. Good Ideas at the Time: Historians Look at Ecology. Symposium Report, *Bulletin of the Ecological Society of America* 90:142-152.
- Chew, M.K. 2009. The Monsterring of Tamarisk: How scientists made a plant into a problem. *Journal of the History of Biology* 42:231-266. DOI 10.1007/s10739-009-9181-4
- Stromberg, J.C., M.K. Chew, P.L. Nagler, and E.P. Glenn, 2009. Changing Perceptions of Change: The Role of Scientists in *Tamarix* and River Management. *Restoration Ecology* 17:177-186. DOI 10.1111/j.1526-100X.2008.00514.x
- Chew, M.K. 2008. "Climatic Data, Lake Records. IN S.G. Philander, ED. *Encyclopedia of Global Warming and Climate Change*. Thousand Oaks: Sage Publications. 238-239.
- Chew, M.K. & M.D. Laubichler, 2003. Natural Enemies—Metaphor or Misconception? *Science* 301:52-53.
- Chew, M.K. 2000 Book Review: "Chance and Change: Ecology for Conservationists" by W.H. Drury. *Restoration Ecology* 8(2):209
- Chew, M.K. 2000. Op Ed: 'A Theme Park Grows Beneath the Ground' *Boston Globe*, 6 Feb 2000.
- Chew, M.K. 2000 Book Review: "Chance and Change: Ecology for Conservationists" by W.H. Drury. *Restoration Ecology* 8(2):209
- Patten, D., J. Stromberg, M. Scott and M. Chew. 1997. Sustainability of Western Riparian Ecosystems in Minckley, W.L. ED. *Aquatic Ecosystems Symposium: Report to the Western Water Policy Review Advisory Commission*. Arizona State University, Tempe.
- Stromberg, J.C. and M.K. Chew, 1997. Herbaceous Exotics in Arizona's Riparian Ecosystems. *Desert Plants* 13:11-17.
- Chew, M.K. 1991. *Bank Balance: Managing Colorado's Riparian Areas*. Colorado State University Cooperative Extension Bulletin 553b.

Meetings, Workshops, Conferences, and Symposia: Contributed Presentations and Posters

What can species do? International Society for the History, Philosophy, and Social Studies of Science Biennial Meeting, Oslo, Norway, July 2019.

Termination of phreatophyte removal projects in the southwestern United States (poster).

With/presented by Edmond Lemon. ASU SOLS Undergraduate Research Symposium, Tempe, AZ, April 2018.

Individual organisms, species concern and the elastic value foundations of conservation biology with Ben A. Minter, Arizona State University. International Society for Environmental Ethics Annual Meeting, Allenspark, CO, June 2017.

"Unwanted! Anthropomorphizing and Personifying Introduced Species as Criminals" with Rachel Hall, Louisiana State University. American Society for Environmental History Annual Meeting, San Francisco, CA, March 2014.

Changing conservation goals and strategies: A succession of failed metaphors? (Symposium Paper) Ecological Society of America Annual Meeting, Portland OR August 2012.

Prescriptive Political Biogeography: National Identity and 'Invading Alien' Species. Nature and Nation Network Second Workshop: The State of Nature. Bucharest, Romania, December 2011.

The Last Nineteenth Century Naturalist: Charles Elton's Visits to the American Tropics. International Society for the History, Philosophy, and Social Studies of Science Biennial Meeting, Salt Lake City, Utah July 2011.

Found then Drowned: Three Noteworthy Collections from Tempe Town Lake. Eighth Arizona Botany Meeting. E. Makings, L. Butler, Matthew Chew & Juliet Stromberg; presented by Elizabeth Makings. Phoenix AZ, February 2011.

A Modified Kind of Man and a Modified Kind of Nature: Charles Elton's Vision of Millennial Conservation. History of Science Society Annual Meeting, Montreal Quebec November 2010.

Biotic Nativeness: A historical look at a "simply negative" idea. School of Life Sciences Seminar Series, Arizona State University, Tempe, AZ. October 2009.

Anekeitonomy: Botany, Place and Belonging. World Congress of Environmental History, Copenhagen, Denmark, August 2009.

Tamarisk: Five Framings. International Society for the History, Philosophy, and Social Studies of Science Biennial Meeting, Brisbane, Australia, July 2009.

The Role of Scientists in Tamarisk and River Management: Perpetuation of a Mythology (poster, with J. Stromberg, P. Nagler and E. Glenn). Tamarisk and Russian Olive Research Conference, Reno, NV February 2009; Ecological Society of America Annual Meeting, Albuquerque, NM, August 2009.

Ecology and the De-Natured World. Ecological Society of America Annual Meeting, Milwaukee, WI August 2008.

Invasion Biology's Forgotten Forerunners (poster). Ecological Society of America / Society for Ecological Restoration; Joint Annual Meeting, San Jose, CA August 2007. ALSO AT Symposium: "Fifty years of Invasion Ecology – the Legacy of Charles Elton." Stellenbosch, South Africa. November 2008.

H.C. Watson and the Civil Claims of "British" Plants, International Society for the History, Philosophy, and Social Studies of Science Biennial Meeting, Exeter, UK, July 2007.

5000 Years of Tamarisk in 5 Minutes. Special Session Panel, Ecological Society of America Annual Meeting, Memphis, TN August 2006.

Anekeitonomy: Biologizing Belonging. Southwest Colloquium in the History and Philosophy of the Life Sciences, Davis, CA March 2006.

The Anti(?) -Aesthetics of Invasion Biology. International Society for the History, Philosophy, and Social Studies of Science Biennial Meeting, Guelph, Ontario, Canada July 2005.

Nativeness Considered (with Andrew L. Hamilton, U.C. San Diego) Southwest Colloquium in the History and Philosophy of the Life Sciences, Tempe AZ March 2005

Endangered with Criticized Habitat: A Bird in the Wrong Bush. American Society for Environmental History Annual Meeting, Victoria, BC, Canada April 2004.

The Costs of Caricature: Is Invasion Biology Exploiting Science Illiteracy? (Poster) American Institute of Biological Sciences (AIBS) Annual Meeting, Washington, DC, March 2004.

Biological Invasions as Ecological (and other) Models (with M.D. Laubichler) Southwest Colloquium in the History and Philosophy of the Life Sciences, Austin, TX March 2004.

The Stone the Builders Rejected: Marston Bates, Charles Elton and the Foundations of Invasion Ecology. International Society for the History, Philosophy, and Social Studies of Science Biennial Meeting, Vienna, Austria, July 2003.

The Tangled Tale of Tamarix, Southwest Colloquium in the History and Philosophy of the Life Sciences, Tempe, AZ February 2003.

The Invasion of the Second Greatest Threat, History of Science Society, Milwaukee, WI, November 2002.

College and University Teaching

Discovery Seminar (LIA194): Nature and Media. ASU College of Liberal Arts and Sciences (CLAS). Scheduled, Fall 2023

Discovery Seminar (LIA194): What's a Species? ASU CLAS. Spring 2022

Graduate Reading and Conference (BIO590) Fall 2017 (Jada Wang) Spring 2022 (Risa Schnebly)

Life Sciences Career Paths (BIO189) ASU School of Life Sciences [SOLS]. Fall 2017.

Biology & Society Lab (BIO615/HPS615) ASU SOLS Fall 2017.

Novel Ecosystems (BIO494ST): ASU SOLS. Spring 2017, 2018, 2019; Fall 2018, 2019. Continuing as BIO407 Spring 2020, 2021, 2022, 2023; F2020, 2021, 2022. Scheduled F2023.

History of Biology: Conflicts and Controversies (BIO316/HPS330) ASU SOLS. Spring 2007, 2008, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021.

Biology & Society (BIO311/HPS340). ASU SOLS. Fall 2015, 2016, 2017, 2018, 2019, 2020; Sched 2021.

Biology & Society Online (BIO311/HPS340). ASU SOLS. F2020.

Ecosystem Restoration and Management (BIO323): ASU SOLS. Spring 2013.

The Darwinian Revolution (BIO346/HPS332): ASU SOLS. Fall 2012.

Environmental Biology (BIO105): Scottsdale Community College. Fall 2010, Spring 2011.

The Human Event I & II (HON171-273): ASU Barrett Honors College. Fall 2007-Spring 2008.

Graduate Seminar (BIO591): Biological Invasions. With J.C. Stromberg. ASU SOLS. Fall 2003.

Graduate Student Mentoring and Research Supervision

University of Vienna. Camille Schneiter: Creatures of the Anthropocene, A Bioconstitutional History of Neobiota in Switzerland. 2023-ongoing

ASU School of Life Sciences. Ph.D. Co-Chair. Nolina Doud: Sources of Values in Environmental Science Education. 2022-ongoing

ASU SOLS. Ph.D. Committee Member:

Charles Wallace, Dictyoptera: The lost value of paraphyly. (in progress).

Linda Hamilton, Plant species management under the U.S. Endangered Species Act (in progress).

Elliott Millinor, Collaborative conservation with Navajo Nation Dept of Fish and Wildlife (in progress).

Julie Murphree, *The Mustang Dilemma: Facts, Values and Decision Making In Arizona's Heber Wild Horse Territory*. 2022.

Theo Tiffney, *The Ineffective Cure: Hepatitis C and the Drug That Never Got Its Chance*. 2020.

ASU SOLS. M.S. Committee Co-Chair: Jada Wang, *Investigating the Current Status of Collegiate Emergency Medical Services (EMS) Organizations via a National Survey Study and Tracing the History of Arizona State University EMS Department*. 2019.

ASU SOLS, M.S. Committee Member:

Elijah Chambers, *Clicking for the Success of all Students: A Literature Review and Classroom Study Investigating the Possible Differential Impact of Clickers*. 2020.

Caroline Appleton, *Environmental Values, Objectivity, and Advocacy: A Sociological Study of Academic Environmental Scientists*. 2012.

Shelley L. Adams, *Comparison of Soil and Vegetation Properties Using Salt Extractor™ and Conventional Soil Amendments from Irrigation with Coal Bed Natural Gas Product Water*. 2011.

Undergraduate Student Mentoring and Research Supervision

ASU School of Life Sciences. Undergraduate Research:

Gabriela Rich. Tamarisk in US popular media, 1800-1950 Spring 2021.

Edmond Lemon. History of the PSIAC Phreatophyte Subcommittee, 1950-1970. 2018.

ASU Barrett Honors College, Undergraduate Thesis Director:

Tess Minhinnick, *Sharks in Captivity* 2023 (in progress)

Taylor Miller, *History of the Gilbert Water Ranch* Spring 2022.

Abigail Walker, *(Mis)perceptions of Norway Rats*. Spring 2021

David Oney, *Bioprospecting or Biopiracy? The Case of the Maya ICBG*. 2013.

ASU Barrett Honors College, Undergraduate Thesis Committee Member:

Deryc Painter. *Eurasian Collared Doves in Arizona*. 2013.

Jayne Ann Leemon. *Police Forces and the Judiciary as Political Tools: A Study of Democracy and Human Rights in Russia from 2005 to the Present*. 2011.

Mary Ellen Dupont, *Civilizing the Dark Continent: European Conceptions of Race during the Scramble for Africa*. 2010.

Joseph Monfeli. *Howls on All Sides: Wolf Dispersal, Reintroduction, and Management in the United States*. 2010.

ASU Guest Lectures and Teaching Participation

Lecture: *Natives and Aliens* BIO322 Conservation of Biodiversity (J. Collins) November 2019.

Lecture: *Introduced Species and Ecological Literacy*. BIO323 Ecosystem Restoration and Management (Juliet Stromberg) April 2014, February 2015, February 2016

Seminar: Good practice in poster preparation. AEP 593 (Karin Ellison) March 2013, March 2014.

Lecture: *Living with Lionfish*. BIO189: Ethics, Ecology and Conservation (Ben Minter) November 2011.

Lecture: *Evolution, Ecology and Conservation*. BIO345: Organic Evolution (G. Yamashita). August 2011.

Lecture: *Natives and Conservation Biology*. BIO412: Conservation in Practice (Ben Minter) ASU School of Life Sciences. February 2010.

Discussion Panel Member: *Varmints*. Bioethics in Film Series. ASU School of Life Sciences. August 2007.

University and Professional Service

Session Chair: Entangled roots: Biology and value from bioethics to biopolitics, 2. International Society for the History, Philosophy, and Social Studies of Science Biennial Meeting, Oslo, Norway, July 2019.

Mentor, BioBridges undergraduate head start program, ASU School of Life Sciences, Fall 2017, 2018, 2019

Biology & Society Rep., 'SPARK' undergraduate orientation, ASU School of Life Sciences, Fall 2016, 2017

Coordinating Committee Member: History of Science Society, Earth and Environmental Forum, 2014-16

Founding Editorial Board Member *International Review of Environmental History*, 2014-

Birding Group Leader: "SOLS Takes a Hike" Gilbert Riparian Institute, Gilbert AZ, April 2012, 2013, 2014

Roundtable Chair/Moderator: Historical Perspectives on Invasive Species. American Society for Environmental History Annual Meeting, Madison, WI March 2012

Contributor. Arizona State University School of Life Sciences "Ask a Biologist" online. 2009-2020

Session Chair: Induction, Error, and Context: Problems in the Philosophy of Science. History of Science Society Annual Meeting, Phoenix, AZ November 2009.

Research Mentor: History of Biology. ASU School of Life Sciences SOLUR (undergraduate research experience) Summer Program, Saguaro Lake, AZ. July 2009.

Symposium Organizer and Chair: Good Ideas at the Time: Historians Look at Ecology. Ecological Society of America Annual Meeting, Milwaukee, WI August 2008.

Session Organizer: Biota, Biology, Place, and Belonging. International Society for the History, Philosophy, and Social Studies of Science Biennial Meeting, Exeter, UK, July 2007.

Symposium Poster Session Judge, ASU CLAS, Graduates in Earth, Life and Social Sciences (GELSS) 2007.

Ex Officio Student Member: Undergraduate Curriculum Committee, ASU SOLS, 2005-6.

Ex-Officio Student Member: Graduate Curriculum Committee, ASU Biology Department, 2003-4.

Planning Committee Member: Third Conference on Research & Resource Management in Southwest Deserts, Tucson AZ, 1999–2000.

Committee Member, Education and Outreach. Natural Areas Association, 1998-99.

At Large Board Member: Arizona Riparian Council, 1994-2002.

Peer Reviewing

2020: *Conservation Biology*

2019: *BioScience*; *Biological Reviews*; *NeoBiota*; *Environment and Planning E: Nature and Space*

2017: *Biological Invasions*

2016: *Journal of the History of Biology*; *Conservation Biology*; *Biological Conservation*

2014: *Trends in Ecology and Evolution*

2013: *Journal of Biogeography*; *Science in Context*

2012: *Ecological Monographs*

2010: Rutgers University Press; University of Chicago Press

2009: *Journal of Environmental Management*

Outreach, News, Other Media

Mentioned: "ASU grad's childhood interest evolves into passion for conservation." [ASU News, 2 December 2020](#).

Quoted: "Operation pest patrol: Invaders at the border?" by Marissa Ortega-Welch. *Crosscurrents*, [KALW Radio 91.7, San Francisco. Dec 17-18-19, 2018](#).

Quoted: "There's A Domestic War Raging Right Now — Against A Plant." by Rae Ellen Bichell, [Mountain West News Bureau, July 18, 2018](#).

Profiled: "Expect the unexpected in the Anthropocene" by Scott Seckel, [ASUNow June 26, 2018](#)

Profiled: "Celebrating 25 Years: Meet This Week's Eco-Champion. Matt Chew: Free Speech with a Price." Public Employees for Environmental Responsibility ([PEER](#)). [February 15, 2018](#)

"Life #47,971 Saved: Suzie" [Arizona Humane Society, February 5, 2018](#).

Guest Blog: What is Compassionate Conservation? Death of a Million Trees.

<https://milliontrees.me/2018/02/01/what-is-compassionate-conservation/> 1 February 2018.

"Pawliday Tails: Suzie finds her voice" [Arizona Humane Society, December 25, 2017](#).

Guest Blog: Tamarisk beetle: A case study in the dangers of biological controls to eradicate non-native species. *Death of a Million Trees*. <https://milliontrees.me/2017/08/01/tamarisk-beetle-a-case-study-in-the-dangers-of-biological-controls-to-eradicate-non-native-species/> August 1, 2017.

Guest Blog: The Ecological 'Restoration' Industry: Follow the money. *Death of a Million Trees*. <https://milliontrees.me/2017/04/01/ecological-restorations-follow-the-money/> April 1, 2017.

Profiled: "ASU professor challenges conventional wisdom in invasion biology" by Scott Seckel, [ASUNow February 28, 2017](#)

Background: "Stranger in Paradise" [Radiolab, WNYC, 27 January 2017](#).

Quoted: "Humans make a mess, but invasive species get the blame." by Linda Rodriguez McRobbie *Boston Globe*, 27 November, 2016

Profile: "How We Created a Monster In the American Southwest" by Candace Hughes, [Smithsonian.com](http://www.smithsonian.com), [October 9, 2015](http://www.smithsonian.com)

"Bioinvasion: Attack of the Alien Species!" CBC Radio, *Ideas with Paul Kennedy*, April 2014

Quoted: "Golden algae a growing concern in Salt River system" by Donyelle Kesler. *Cronkite News*, 1 October 2012.

Invited live chat participant, *Science Magazine*, ScienceNOW July 2012

Invited Blog Post: Chew, M.K. The Positively Biased Life. *Journal of Ecology Blog*, British Ecological Society. 23 May 2012. <http://jecologyblog.wordpress.com/2012/05/23/the-positively-biased-life/>

Invited live guest, CBC Radio 1 news magazine *The Current* August 2011

Quoted: "The Thirsty Tree; Confronting Invasive Salt Cedar in the American Southwest. Terrain.org Blog by Melissa Lamberton. Spring/Summer 2011

Quoted: "Non-native species: enemies or victims?" by Sandy Bauers. *The Philadelphia Inquirer*, 9 June 2011.

Quoted: "Is Ecology Biased Against Non-Native Species?" *Smithsonian Insider*, 9 June 2011.

Quoted: "Outside species threaten Arizona's native wildlife" by Shaun McKinnon. *The Arizona Republic* 12 July 2010.

Quoted: "Tamarisk eradication halted to protect endangered bird" CBSNews.com 22 June 2010.

Quoted: "USDA stops using beetles vs. invasive saltcedar" AP. *Denver Post* 21 June 2010.

Quoted: "Don't Sweat the Invasion: Why foreign plants and animals may not be that bad" by Rebecca-Tuhus-Dubrow. *Slate.com* 4 November 2009.

Natural Resources Management Planning and Programming

Spur Cross Ranch Acquisition Reconnaissance and Evaluation Team Member: AZ State Parks. 1999.

Statewide Potential Acquisitions Reconnaissance and Evaluation Team Member: AZ State Parks 1999.

Agency Participation Team Member. Sonoran tiger salamander (*Ambystoma tigrinum stebbinsi*)

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Contract Manager: Kartchner Caverns Bat Management Plan. AZ State Parks/University of AZ 1998-1999

Negotiation Team Member: San Rafael Ranch Acquisition. AZ State Parks/The Nature Conservancy 1998.

Coordinator: Natural Areas Program. AZ State Parks. 1997-2000.

Coordinator: Streams and Wetlands Program. AZ State Parks. 1993-1995.

Project Manager: San Carlos Irrigation Project Electric Power System Divestiture Proposal Environmental Assessment. Gutierrez-Palmenberg Inc. for U.S. Bureau of Indian Affairs. 1992-1993.

Field Biologist and Archaeology Survey Assistant: road improvement projects. Gutierrez-Palmenberg Inc. for AZ Department of Transportation 1991-1993

Field Biologist and Bat Impact Avoidance Subproject Manager: UAV-SR Competition Environmental Assessment. Gutierrez-Palmenberg Inc. for U.S. Army Fort Huachuca Garrison. 1991-93.