

CURRICULUM VITAE

CLAIRE KREMEN

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CURRENT POSITIONS

Professor and President's Excellence Chair in Biodiversity, Institute for Resources, Environment and Sustainability, Biodiversity Research Centre and Department of Zoology, Faculty of Science, University of British Columbia, 2019 – present

Professor Emerita, Department of Environmental Sciences, Policy and Management, University of California

EDUCATION

Ph.D in Zoology, Duke University, 1987

B.Sc. in Biology (with honors and distinction), Stanford University, 1982

Professional courses since PhD:

The Bee Course, American Museum of Natural History, 1999

Organization for Tropical Studies graduate field course, 1988

HONORS AND FELLOWSHIPS

Insect Conservation Award, 2021, Royal Entomological Society

Honorary Fellow, Royal Entomological Society, 2020

Volvo Environment Prize Laureate, 2020

Doctor of Science, *Honoris Causa*, Gilder Graduate School of the American Museum of Natural History, 2019

Web of Science Clarivate Analytics Highly Cited Researcher, Environment and Ecology, 2017, 2018, 2019

Ecological Society of America 2017 Sustainability Science Award for Liu et al. 2015

Thomson-Reuters' "World's Most Influential Scientific Minds", 2014, 2015, 2016

Honorable John C. Pritzlaff Conservation Award, Santa Barbara Botanic Garden, 2014

California Academy of Sciences Fellow, 2013

California Department of Pesticide Regulation Integrated Pest Management Innovator Award (with Rachel Long and John Anderson), 2013

MacArthur Foundation Fellow, 2007-2012

Distinguished Alumni Award, Durham Academy, Durham, NC, 2009

Special Achievement in GIS Award from Environmental Systems Research Institute (to the REBIOMA Project), 2007

Hellman Faculty Fellow, University of California, 2007-2008

Chancellor's Partnership Fellow, University of California, 2007-2008

Presidential Chairs Fellow, University of California, 2005-2006

McDonnell 21st Century Award: 2001-2007

John S. Gregg Lectureship, Duke University: 1987

James B. Duke Graduate Fellow: 1985-1987

National Science Foundation Graduate Fellow: 1982-1985

PRIOR EMPLOYMENT

2012-2020 Professor of Arthropod Biodiversity, Department of Environmental Sciences, Policy and Management, University of California,

2009-2012 Associate Professor of Arthropod Biodiversity, Department of Environmental Science, Policy and Management, University of California, Berkeley

2005-2009 Assistant Professor of Arthropod Biodiversity, Department of Environmental Science, Policy and Management, University of California, Berkeley

2001 - 2005 Assistant Professor of Conservation Biology, Dept. of Ecology and Evolutionary Biology, Princeton University; Associated Faculty Member, Princeton Environmental Institute, Princeton University

1996-2010. Associate Conservationist, Wildlife Conservation Society

1996- 2001. Senior Research Scientist, Center for Conservation Biology, Stanford University.

1993- 1996. Madagascar Country Program Director, Wildlife Conservation Society.

- Established the WCS country office and conservation program and developed collaborative accords with Malagasy partner institutions. 2. Served as WCS representative for the Projet Masoala, a consortium-run integrated conservation and development program to establish a new national park on the Masoala Peninsula (see below). 3. Trained and supervised Malagasy students and staff in the field; catalyzed training and capacity-building opportunities for Malagasy university students and staff abroad. 4. Biodiversity studies of the butterflies, tiger and scarab beetles of Madagascar in collaboration with the Natural History Museum (London).

1993-1996. Conservation Technical Advisor, Project Masoala, Madagascar (**concurrent with above**).

- Design and establishment of the Masoala National Park. Supervised 20 full-time staff and five scientific teams; developed funding proposals, contracts, terms of reference, budgets, reports, presentations, annual work plans/log frames for this 2.7 million dollar project. The national park that I designed is the largest in Madagascar and contains significant tracts of lowland rain forest and many other habitat types.

1991-1993. Madagascar Program Coordinator, The Xerces Society, Center for Conservation Biology and The Wildlife Conservation Society. Responsible for program development, fund-raising and implementation of a conservation biology research and training program in Madagascar, focusing on biological inventory and ecological monitoring for reserve design and management.

1989-1991. Conservation Scientist, The Xerces Society. Responsible for developing tools for habitat conservation using target invertebrate groups. Conducted research, developed databases and organized workshops.

1988-1989. Conservation Officer, Ranomafana National Park Project/Duke University, Proposal development and fund-raising, conservation education, public relations and coordination, and biological inventory and conservation for a national park in Madagascar.

1989. Instructor, Animal Diversity, Duke University

TEACHING

1988 – Present: Various courses in Conservation Biology, Environmental Sciences and Agroecology, including Freshman Seminars, Upper-level undergraduate Courses, Graduate Seminars, Visiting and Guest Lectures, Environmental Leadership Program

PUBLICATIONS

PUBLICATION RECORD: Google Scholar (06 Oct 2021): Citations: 57537; h-index: 93; i10index: 161; Number of peer-reviewed articles: 146; Number of book chapters: 13

-- Since 2002, I have taken the last /senior authorship position on papers first-authored by my students, staff or post-docs.

Allen-Perkins, A., A. Magrach, M. Dainese, L. A. Garibaldi, D. Kleijn, R. Rader, J. R. Reilly, R. Winfree, O. Lundin, C. M. McGrady, C. Brittain, D. J. Biddinger, D. R. Artz, E. Elle, G. Hoffman, J. D. Ellis, J. Daniels, J. Gibbs, J. W. Campbell, J. Brokaw, J. K. Wilson, K. Mason, K. L. Ward, K. B. Gundersen, K. Bobiwash, L. Gut, L. M. Rowe, N. K. Boyle, N. M. Williams, N. K. Joshi, N. Rothwell, R. L. Gillespie, R. Isaacs, S. J. Fleischer, S. S. Peterson, S. Rao, T. L. Pitts-Singer, T. Fijen, V. Boreux, M. Rundlöf, B. Felipe Viana, A-M Klein, H. G. Smith, R. Bommarco, L G Carvalheiro, T. H. Ricketts, J. Ghazoul, S. Krishnan, F. E. Benjamin, J. Loureiro, S. Castro, N. E. Raine, G. Arjen de Groot, F. G. Horgan, J. Hipólito, G. Smaghe, I. Meeus, M. Eeraerts, S. G. Potts, C. Kremen, D. García, M. Miñarro, D. W. Crowder, G. Pisanty, Y. Mandelik, N. J. Vereecken, N. Leclercq, T. Weekers, S. AM Lindstrom, D. A. Stanley, C. Zaragoza-Trello, C. C. Nicholson, J. Scheper, C. Rad, E. AN Marks, L. Mota, B. Danforth, M. Park, A. D. M. Bezerra, B. M. Freitas, R. E. Mallinger, F. Oliveira da Silva, B. Willcox, D. L. Ramos, F. D. da Silva e Silva, A. Lázaro, D. Alomar, M.

A. González-Estévez, H. Taki, D. P. Cariveau, M. P.D. Garratt, D. N. Nabaes Jodar, R. I.A. Stewart, D. Ariza, M. Pisman, E. M. Lichtenberg, C. Schüepp, F. Herzog, M. H. Entling, Y. L. Dupont, C. D. Michener, G. C. Daily, P. R. Ehrlich, K. L.W. Burns, M. Vilà, A. Robson, B. Howlett, L. Blechschmidt, F. Jauker, F. Schwarzbach, M. Nesper, T. Diekötter, V. Wolters, H. Castro, H. Gaspar, B. A. Nault, I. Badenhausser, J. D. Petersen, T. Tschardtke, V. Bretagnolle, D. S. Willis Chan, N. Chacoff, G. K.S. Andersson, S. Jha, J. F. Colville, R. Veldtman, J. Coutinho, Felix JJA Bianchi, L Sutter, M Albrecht, P. Jeanneret, Y. Zou, Anne L. Averill, A. Saez, A. R. Sciligo, C. H. Vergara, E. H. Bloom, E. Oeller, E. I. Badano, G. M. Loeb, H. Grab, J. Ekroos, V. Gagic, S. A. Cunningham, J. Åström, P. Cavigliasso, A. Trillo, A. Classen, A. L. Mauchline, A. Montero-Castaño (2022). CropPol: A dynamic, open and global database on crop pollination. *Ecology*. 103(3). <https://doi.org/10.1002/ecy.3614>

Olimpi, E. M., H. Daly, K. Garcia, V. M. Glynn, D. J. Gonthier, C. Kremen, L. M'Gonigle, D. S. Karp. (2022). Interactive effects of multiscale diversification practices on farmland bird stress. *Conservation Biology*. <https://doi.org/10.1111/cobi.13902>

Chapman, M. S. Wiltshire, P. Baur, T. Bowles, L. Carlisle, F. Castillo, K. Esquivel, S. Gennet, A. Iles, D. Karp, C. Kremen, J. Liebert, E. M. Olimpi, J. Ory, M. Ryan, A. Sciligo, J. Thompson, H. Waterhouse, C. Boettiger. (2022). Social-ecological feedbacks drive tipping points in farming system diversification. *One Earth*. 5(3), 283-292.

Ward, L. T., M. L. Hladik, A. Guzman, S. Winsemius, A. Bautista, C. Kremen, N. J. Mills. (2022). Pesticide exposure of wild bees and honey bees foraging from field border flowers in intensively managed agriculture areas. *Science of The Total Environment*, 154697. <https://doi.org/10.1016/j.scitotenv.2022.154697>.

Wu, J. S-T., C. Hauert, C. Kremen, J. Zhao. (2022). A Framework on Polarization, Cognitive Inflexibility, and Rigid Cognitive Specialization. *Frontiers in Psychology*. 13(Article 776891), 1-7. doi: 10.3389/fpsyg.2022.776891.

Olimpi, E. M., K. Garcia, D. J. Gonthier, C. Kremen, W. E. Snyder, E. E. Wilson-Rankin, D. S. Karp. (2022). Semi-natural habitat surrounding farms promotes multifunctionality in avian ecosystem services. *Journal of Applied Ecology*. 00:1–11. DOI: 10.1111/1365-2664.14124

Khelifa, R. M. K. Mellal, H. Mahdjoub, N. Hasanah, and C. Kremen. (2022). Biodiversity Exploitation for Online Entertainment. *Front. Conserv. Sci.*, 24 January 2022 | <https://doi.org/10.3389/fcsc.2021.788269>

Lu A., D. J. Gonthier, A. R. Sciligo, K. Garcia, T. Chiba, G. Juárez, C. Kremen. (2022). Changes in arthropod communities mediate the effects of landscape composition and farm management on pest control ecosystem services in organically managed strawberry crops. *Journal of Applied Ecology*. 00, 1-13. <https://doi.org/10.1111/1365-2664.14076>.

C. Kremen, T. R. Kelsey and S. Gennet. 2021. The Role of Diversifying Farmland Management in Rewilding the San Joaquin Valley. *Rewilding Agricultural Landscapes: A*

California study in Rebalancing the Needs of People and Nature (ed. H. S. Butterfield, T. R. Kelsey and A. K. Hart) Island Press, pp 149-168.

Esquivel K.E., Carlisle L., Ke A., Olimpi E.M., Baur P., Ory J., Waterhouse H., Iles A., Karp D.S., Kremen C. and Bowles T.M. (2021). The “Sweet Spot” in the Middle: Why Do Mid-Scale Farms Adopt Diversification Practices at Higher Rates? *Frontiers in Sustainable Food Systems*. 5:734088. doi: 10.3389/fsufs.2021.734088

DeClerck, F. A., I. Koziell, A. Sidhu, J. Wirths, T. Benton, L. A Garibaldi, C. Kremen, M. Maron, C. Rumbaitis del Rio, M. Clark, C. Dickens, N. Estrada-Carmona, A. K. Fremier, S. K. Jones, C. K. Khoury, R. Lal, M. Obersteiner, R. Remans, A. Rusch, L.A. Schulte, J. Simmonds, L.C. Stringer, C. Weber, L. Winowiecki. (2021) Biodiversity and agriculture: rapid evidence review. *International Water Management Institute (IWMI). CGIAR Research Program on Water, Land and Ecosystems (WLE)*. 1-70. doi: <https://doi.org/10.5337/2021.215>

Garibaldi, LA, L.A. Schulte, D. N. N. Jordar, D. S. Gomez Carella, C. Kremen (2021). Time to Integrate Pollinator Science into Soybean Production. *Trends in Ecology & Evolution*. 1-3. <https://doi.org/10.1016/j.tree.2021.03.013>.

Gaiarsa, M. P., C. Kremen, L. C. Ponisio. (2021). Pollinator interaction flexibility across scales affects patch colonization and occupancy. *Nature Ecology and Evolution*. doi: <https://doi.org/10.1038/s41559-021-01434-y>

Petersen-Rockney M., P. Baur, A. Guzman, S. F. Bender, A. Calo, F. Castillo, K. De Master, A. Dumont, K. Esquivel, C. Kremen, J. LaChance, M. Mooshammer, J. Ory, M. J. Price, Y. Socolar, P. Stanley, A. Iles, and T. Bowles. (2021). Narrow and Brittle or Broad and Nimble? Comparing Adaptive Capacity in Simplifying and Diversifying Farming Systems. *Frontiers in Sustainable Food Systems*. 5(Article 564900), 1-30. <https://doi.org/10.3389/fsufs.2021.564900>

Gemmill-Herren, B. L.A. Garibaldi, **C. Kremen**, H.T. Ngo. (2021). Building Effective Policies to Conserve Pollinators: Translating Knowledge into Policy. *Current Opinion in Insect Science*. doi:10.1016/j.cois.2021.02.012.

Guzman, A., M. Montes, L. Hutchins, G. DeLaCerde, P. Yang, A. Kakouridis, R. Dahlquist-Willard, M. Firestone, T. Bowles, **C. Kremen** (2021). Crop diversity enriches arbuscular mycorrhizal fungal communities in an intensive agricultural landscape. *New Phytologist*. doi:10.1111/NPH.17306

Khelifa, R., H Mahdjoub, L M'Gonigle, **C Kremen**. (2021) Integrating high-speed videos in capture-mark-recapture studies of insects. *Ecology and Evolution* 11(11):1–8. DOI: 10.1002/ece3.7372.

Middleton A.D., T. Stoellinger, H. Karandikar, B. Leonard, H. Doremus , **C. Kremen**. (2020). Harnessing visitors' enthusiasm for national parks to fund cooperative

large-landscape conservation. *Conservation Science and Practice*. e335.
<https://doi.org/10.1111/csp2.33512>

Tamburini G., R. Bommarco, T. C. Wanger, **C. Kremen**, M. G. A. van der Heijden, M. Liebman, S. Hallin. (2020). Agricultural diversification promotes multiple ecosystem services without compromising yield. *Science Advances* 6, eaba1715.

Garibaldi L.F. Oddi, F. E. Miguez, I. Bartomeus, M. C. Orr, E. G. Jobbágy, **C. Kremen**, L. A. Schulte, A.C. Hughes, C. Bagnato, G. Abramson, P. Bridgewater, D.G. Carella, S. Díaz, L. V. Dicks, E.C. Ellis, M Goldenberg, C A. Huaylla, M. Kuperman, H Locke, Z. Mehrabi, F. Santibañez, C. Zhu. (2020). Working landscapes need at least 20% native habitat. *Conservation Letters*. e12773; 1-10. <https://doi.org/10.1111/conl.12773>

Kremen, C. (2020). Ecological intensification and diversification approaches to maintain biodiversity, ecosystem services and food production in a changing world. *Emerging Topics in Life Sciences*. 4, 229–240. <https://doi.org/10.1042/ETLS20190205>.

Albrecht, M., D. Kleijn, N. M. Williams, M. Tschumi, B. R. Blaauw, R. Bommarco, A. J. Campbell, M. Dainese, F. A. Drummond, M. H. Entling, D. Ganser, G. Arjen de Groot, D. Goulson, H. Grab, H. Hamilton, F. Herzog, R. Isaacs, K. Jacot, P. Jeanneret, M. Jonsson, E. Knop, **C. Kremen**, D. A. Landis, G. M. Loeb, L. Marini, M. McKerchar, L. Morandin, S. C. Pfister, S. G. Potts, M. Rundlöf, H. Sardiñas, A. Sciligo, C. Thies, T. Tschardt, E. Venturini, E. Veromann, I. M. G. Vollhardt, F. Wäckers, K. Ward, A. Wilby, M. Woltz, S. Wratten, and L. Sutter. (2020). The effectiveness of flower strips and hedgerows on pest control, pollination services and crop yield: a quantitative synthesis. *Ecology Letters* 23(10):1488–1498. DOI: 10.1111/ele.13576

Wanger, T. C. , F. DeClerck, L. A. Garibaldi, J. Ghazoul, D. Kleijn, A. Klein, **C. Kremen**, H. Mooney, I. Perfecto, L. L. Powell, J. Settele, M. Solé, T. Tschardt, W. Weisser. (2020). Integrating agroecological production in a robust post-2020 Global Biodiversity Framework. *Nature Ecology & Evolution*. 4, 1150–1152 (2020).
<https://doi.org/10.1038/s41559-020-1262->

Olimpi, E. M., K. Garcia, D. J. Gonthier, K. T. De Master, A. Echeverri, **C. Kremen**, A. R. Sciligo, W. E. Snyder, E. E. Wilson-Rankin, and D. S. Karp. (2020). Shifts in species interactions and farming contexts mediate net effects of birds in agroecosystems. *Ecological Applications* 0:1–14.

Olimpi, E. M., P. Baur, A. Echeverri, D. Gonthier, D. S. Karp, **C. Kremen**, A. Sciligo, K. T. De Master, and P. Baur. (2019). Evolving Food Safety Pressures in California’s Central Coast Region. *Frontiers in Sustainable Food Systems* 3:102. DOI: 10.3389/fsufs.2019.00102

- Guzman, A., M. Chase, and **C. Kremen**. (2019). On-Farm Diversification in an Agriculturally-Dominated Landscape Positively Influences Specialist Pollinators. *Frontiers in Sustainable Food Systems* 3:87 DOI:10.3389/fsufs.2019.00087.
- Gonthier, D. J., A. R. Sciligo, D. S. Karp, A. Lu, K. Garcia, G. Juarez, T. Chiba, S. Gennet, and **C. Kremen**. (2019). Bird services and disservices to strawberry farming in Californian agricultural landscapes. *Journal of Applied Ecology* 56:1948–1959. DOI: 10.1111/1365-2664.13422
- Baker-Médard, M., T. F. Allnutt, M. L. Baskett, R. A. Watson, E. Lagabriele, and **C. Kremen**. (2019). Rethinking spatial costs and benefits of fisheries in marine conservation. *Ocean & Coastal Management* 178:104824.
- Shackelford, G., R. Kelsey, W. Sutherland, C. Kennedy, S. Wood, S. Gennet, D. Karp, **C. Kremen**, N. Seavy, J. Jedlicka, K. Gravuer, S. Kross, D. Bossio, A. Muñoz-Sáez, D. LaHue, K. Garbach, L. Ford, M. Felice, M. Reynolds, D. Rao, K. Boomer, G. LeBuhn, and L. Dicks. (2019). Evidence synthesis as the basis for decision analysis: a method of selecting the best agricultural practices for multiple ecosystem services. *Frontiers in Sustainable Food Systems* 3:83. DOI: 10.3389/FSUFS.2019.00083
- Dainese, M., E. A. Martin, M. A. Aizen, M. Albrecht, I. Bartomeus, R. Bommarco, L. G. Carvalheiro, R. Chaplin-Kramer, V. Gagic, L. A. Garibaldi, J. Ghazoul, H. Grab, M. Jonsson, D. S. Karp, C. M. Kennedy, D. Kleijn, **C. Kremen**, D. A. Landis, D. K. Letourneau, L. Marini, K. Poveda, R. Rader, H. G. Smith, T. Tschardtke, + 77 data providers, and I. Steffan-Dewenter. (2019). A global synthesis reveals biodiversity-mediated benefits for crop production. *Science Advances* 5:eaax0121.
- Kremen, C.**, & Merenlender, A. (2019) Broadly defining ‘working lands’ Response. *Science*, **363**, 1046–1048.
- Ponisio, L.C., de Valpine, P., M’Gonigle, L.K. & **C. Kremen** (2019) Proximity of restored hedgerows interacts with local floral diversity and species’ traits to shape long-term pollinator metacommunity dynamics. *Ecology Letters*, ele.13257
- Kremen, C.**, D. C. Lees, and J. Fay. 2003. Butterflies and conservation planning in Madagascar: from pattern to practice. Pages 517-540. *Butterflies: Ecology and Evolution Taking Flight*. University of Chicago Press, Chicago.
- Kremen, C.**, Albrecht, M. & Ponisio, L. (2019) Restoring Pollinator Communities and Pollination Services in Hedgerows in Intensively Managed Agricultural Landscapes. *The Ecology of Hedgerows and Field Margins* (ed J.W. Dover), pp. 163–185. Routledge, New York.
- Kremen, C.**, & Merenlender, A. M. (2018). Landscapes that work for biodiversity and people. *Science*, 362(6412), eaau6020. DOI:10.1126/science.aau6020

Kremen, C., M'Gonigle, L. K., & Ponisio, L. C. (2018). Pollinator Community Assembly Tracks Changes in Floral Resources as Restored Hedgerows Mature in Agricultural Landscapes. *Frontiers in Ecology and Evolution*, 6(October), 1–10. DOI:10.3389/fevo.2018.00170

Ramankutty, N., Mehrabi, Z., Waha, K., Jarvis, L., **C. Kremen**, Herrero, M. & Rieseberg, L.H. (2018) Trends in Global Agricultural Land Use: Implications for Environmental Health and Food Security. *Annual Review of Plant Biology*, **69**.

Henselek, Y., Eilers, E.J., **C. Kremen**, Hendrix, S.D. & Klein, A.M. (2018) Pollination Requirements of Almond (*Prunus dulcis*): Combining Laboratory and Field Experiments. *Journal of Economic Entomology*, 111, 1006-1013.

C. Kremen (2018) The value of pollinator species diversity. *Science*, 359, 741–742. DOI:10.1126/SCIENCE.AAR7614

Carlson, K.M., Heilmayr, R., Gibbs, H.K., Noojipady, P., Burns, D.N., Morton, D.C., Walker, N.F., Paoli, G.D. & **C. Kremen** (2017) Effect of oil palm sustainability certification on deforestation and fire in Indonesia. *PNAS*, 115, 121-126. DOI: 10.1073/pnas.1704728114 [Written up in Science's "Other Journals" research section]

Ponisio, L., Gaiarsa, M.P., **C. Kremen** (2017) Opportunistic attachment assembles plant-pollinator networks. *Ecology Letters*, 20, 1261–1272. DOI: 10.1111/ele.12821

Genung, M.A., Fox, J., Williams, N.M., **Kremen, C.**, Ascher, J., Gibbs, J. & Winfree, R. (2017) The relative importance of pollinator abundance and species richness for the temporal variance of pollination. *Ecology*, 98, 1807–1816. DOI:10.1002/ecy.1876

Golden, C.D., Anjaranirina, E.J.G., Fernald, L.C.H., Hartl, D.L., **C. Kremen**, Milner Jr, D.A., Ralalason, D.H., Ramihantaniarivo, H., Randriamady, H., Rice, B.L., Vaitla, B., Volkman, S.K., Vonona, M.A. & Myers, S.S. (2017) Cohort Profile: The Madagascar Health and Environmental Research (MAHERY) study in North-eastern Madagascar. *International Journal of Epidemiology*. 46, 1747-1748d. DOI: 10.1093/ije/dyx071

Borgerson, C., Rajaona, D., Razafindrapaoly, B., Rasolofoniaina, B.J.R., **C. Kremen** & Golden, C.D. (2017) Links between food insecurity and the unsustainable hunting of wildlife in a UNESCO world heritage site in Madagascar. *The Lancet*, 389, S3. DOI: 10.1016/S0140-6736(17)31115-7

Isbell, F., Adler, P., Eisenhauer, N., Fornara, D., Kimmel, K., **C. Kremen**, Letourneau, D., Liebman, M., Polley, H., Quijas, S. & Scherer-Lorenzen, M. (2017) Benefits of increasing plant diversity in sustainable agroecosystems. *Journal of Ecology*, 105, 871–879. DOI: 10.1111/1365-2745.12789

Lichtenberg, E.M., Kennedy, C.M., **C. Kremen**, Batáry, P., Berendse, F., Bommarco, R., Bosque-Pérez, N.A., Carvalheiro, L.G., Snyder, W.E., Williams, N.M., Winfree, R., Klatt,

B.K., Åström, S., Benjamin, F., Brittain, C., Chaplin-Kramer, R., Clough, Y., Danforth, B., Diekötter, T., Eigenbrode, S.D., Ekroos, J., Elle, E., Freitas, B.M., Fukuda, Y., Gaines-Day, H.R., Grab, H., Gratton, C., Holzschuh, A., Isaacs, R., Isaia, M., Jha, S., Jonason, D., Jones, V.P., Klein, A.-M., Krauss, J., Letourneau, D.K., Macfadyen, S., Mallinger, R.E., Martin, E.A., Martinez, E., Memmott, J., Morandin, L., Neame, L., Otieno, M., Park, M.G., Pfiffner, L., Pockock, M.J.O., Ponce, C., Potts, S.G., Poveda, K., Ramos, M., Rosenheim, J.A., Rundlöf, M., Sardiñas, H., Saunders, M.E., Schon, N.L., Sciligo, A.R., Sidhu, C.S., Steffan-Dewenter, I., Tschamtko, T., Veselý, M., Weisser, W.W., Wilson, J.K. & Crowder, D.W. (2017) A global synthesis of the effects of diversified farming systems on arthropod diversity within fields and across agricultural landscapes. *Global Change Biology*. 23, 4946–4957. DOI: 10.1111/gcb.13714

Kovács-Hostyánszki, A., Espíndola, A., Vanbergen, A.J., Settele, J., **C. Kremen**, Dicks, L. V. (2017) Ecological intensification to mitigate impacts of conventional intensive land use on pollinators and pollination. *Ecology Letters*. 20, 673–689. DOI: 10.1111/ele.12762

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Harmon-Threatt, A.N., de Valpine, P. & **C. Kremen** (2017) Estimating resource preferences of a native bumblebee: The effects of availability and use-availability models on preference estimates. *Oikos*. 126, 633–641. DOI:10.1111/oik.03550

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- Kremen, C.,** I. Raymond, and K. Lance. 1998. An interdisciplinary tool for monitoring conservation impacts in Madagascar. *Conservation Biology* **12**:549-563.
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- Kremen, C.** 1992. Assessing the indicator properties of species assemblages for natural areas monitoring. *Ecological Applications* **2**:203-217.
- Kremen, C.** 1989. Patterning During Pupal Commitment of the Epidermis in the Butterfly, *Precis-Coenia* - the Role of Intercellular Communication. *Developmental Biology* **133**:336-347.
- Kremen, C.,** and H. F. Nijhout. 1989. Juvenile-Hormone Controls the Onset of Pupal Commitment in the Imaginal Disks and Epidermis of *Precis-Coenia* (Lepidoptera, Nymphalidae). *Journal of Insect Physiology* **35**:603-612.
- Watt, W. B., **C. Kremen**, and P. Carter. 1989. Testing the 'mimicry' explanation for the *Colias* 'alba' polymorphism: patterns of co-occurrence of *Colias* and Pierine butterflies. *Functional Ecology* **3**:193-199.

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BOOK REVIEWS

Kremen, C. 2002. Review of *Nature And The Marketplace: Capturing The Value Of Ecosystem Services*, by Geoffrey Heal. *The Quarterly Review of Biology* **77**.

TECHNICAL REPORTS

Rose, T., **C. Kremen**, A. Thrupp, B. Gemmill-Herren, B. Graub, N. Azzu. 2014. Policy Analysis Paper: Policy mainstreaming biodiversity and ecosystem services with a focus on pollination. Food and Agriculture Organization of the United Nations. 66 pp.

Rakotondratsima, M. and **C. Kremen**. 2000. Rapport sur le suivi-écologique de deux Espèces de Lémuriens Diurnes dans la Presqu'île de Masoala. Wildlife Conservation Society, Antananarivo, Madagascar. 23 pp. and 2 annexes.

Kremen, C. 1999. Africa Program 5-Year Strategy: Proposal for Training and Capacity Building. For Wildlife Conservation Society. 17 pp.

Kremen, C. 1998. Evaluation of the Masoala ecological monitoring program. For CARE International Madagascar. 106 pp.

Kremen, C. 1997. Conservation banking: meeting multiple goals in resource stewardship. Confidential concept paper prepared for the Jasper Ridge Biological Preserve, Stanford, California. 23pp.

Kremen, C. 1997. Consultation en suivi-évaluation pour le Projet de Conservation et Développement Intégré de Masoala. Report prepared for CARE International Madagascar, Antananarivo, Madagascar. 30 pp.

Lemaraina, R. and **C. Kremen**, 1996. Plan de mise en oeuvre du système de suivi-évaluation du Projet de Conservation et Développement Intégré de Masoala. Technical plan for CARE International Madagascar, Antananarivo, Madagascar. 34 pp. plus figures and annexes.

Kremen, C., J. Rakotomalala, V. Razafimahatratra, O. Rakotobe, R.P. Guillery, A. Azkandraina, and Jaomanana. 1995. Proposition des limites du Parc National Masoala. Technical plan for CARE International Madagascar, Antananarivo, Madagascar. 79 pp and three volumes of annexes.

Vonk, R., **C. Kremen**, R. P. Guillery, O. Rakotobe. 1994. Initial Environmental Exam for the Masoala Integrated Conservation and Development Program. Prepared for United States Agency for International Development, Antananarivo, Madagascar. 11 pp.

Kremen, C., 1994. Monitoring the integrated conservation and development strategy: a demonstration project in Madagascar. Final Analytical Report for the Biodiversity Support Program, Washington, D.C. 11 pp. plus 10 attachments.

POPULAR ARTICLES, BLOGS and POLICY BRIEFS

- Kremen C. and Merenlender, A.M. 2018. [The important complementary role of working landscapes for protected area effectiveness](#). Breakthrough Institute.
Integrated Crop Pollination project. 2017. [California Almond Pollination](#).
- Kremen, C.** 2017. [How to feed the world without killing the planet?](#) Cool Green Science. The Nature Conservancy.
- Kremen, C.** 2017. [Demand-side interventions: A response to Breakthrough's essay on wildlife and farmland](#). Breakthrough Institute.
- Gennet, S., Karp, D. S., **Kremen, C.** & Thrupp, L. A. [Healthy farms and nature are not at odds: Reducing environmental impacts of food safety practices](#). (2015). Policy brief. The Nature Conservancy and the Berkeley Food Institute.
- Rose, T., **Kremen, C.**, Thrupp, A., 2015. [Policies to protect pollinators: Actions needed to avert a global crisis in agriculture](#). 6pp. The Berkeley Food Institute.
- Kremen, C.**, M'gonigle, LK, & A. Thrupp. 2013. [Europe is banning bee-harmful pesticides: the US should take a lead](#). Berkeley Blog.
- Kremen, C.** 2009. Piggyback conservation. *Wings*. 32, 4-8
- Rakotondratsima, M., and **C. Kremen**. 2001. Suivi écologique de deux especes de lémuriens *Varecia variegata rubra* and *Eulemur fulvus albifrons* dans la presqu'île de Masoala (1993-1998). *Lemur News* 6:31-35.
- Kremen, C.** 1992. Butterflies as ecological and biodiversity indicators. *Wings*, 16, 14-17
- Kremen, C.** 1992. Ny fizahana lolo eto Madagasikara. *Wings*, 16, 18

SELECTED EXTERNAL RESEARCH SUPPORT

- 2022** Canada Parks, Protected area connectivity across Canada, \$46,000.00 CAD
- 2022** World Wildlife Fund, Developing connectivity science approaches for the conservation of WWF flagship species and landscapes, \$18,859.20 CAD
- 2022** Natural Science and Engineering Research Council of Canada Alliance Grant, \$500,000 CAD
- 2021-2025** Canadian Federation of Innovation, British Columbia: Working to Restore Connectivity and Sustainability (WoRCS) research program, Grant, \$1,120,000 CAD
- 2020-2025** Natural Science and Engineering Research Council of Canada Discovery Grant, How diversified agriculture affects biodiversity-ecosystem service relationships and resource use, dispersal and persistence of key wildlife species, \$235,000 CAD.

2020-2023 MITACS, Assessing the impact of restoring semi-natural habitat on farmland on agricultural productivity, \$93,333 CAD.

2020-2027 UBC Faculty of Science Cluster Hire Competition, Restoring and protecting global biodiversity: an interdisciplinary social-ecological cluster, Five new Assistant Professorships plus \$750,000 CAD.

2020-2022 Canada-British Columbia Agri-Food Innovation Program. Assessing the impact of restoring semi-natural habitat on farmland on agricultural productivity. \$169,800 CAD. Sub-contracted from Delta Farmland Wildlife Trust. PI with co-PI Carillo.

2019-2021 National Science Foundation, Socio-ecological Synthesis Centre (SESYNC) Pursuit Grant, Can enhancing diversity help scale up agriculture's benefits to people and the environment? Funds support 4 workshops, travel and lodging for 15 international scientists at SESYNC in Annapolis, Maryland. Co-PI with co-PI Mehrabi.

2018- 2021 National Science Foundation, Dynamics of Coupled Natural-Human Systems. CNH-L: The Influence of Conflicting Policies and Supply-Chain Pressures on Farmers' Decisions and Tradeoffs with Respect to Biodiversity, Profitability, and Sustainability, \$1,301,737. Co-PI with PI Bowles and Co-PIs Boettiger, Iles and Karp.

2017-2019 Army Research Office. Mycorrhizal Potential to Protect Plants from Pathogens and Promote Productivity, \$245,576

2015 - 2017 CS Fund. Assessing benefits, costs, and trade-offs of biologically-diversified farming systems in California's Central Coast growing region, \$60,000

2015 - 2017 National Institute of Food and Agriculture, Assessing benefits, costs, and trade-offs of biologically-diversified farming systems in California's Central Coast growing region, \$500,000

2012 – 2015 Army Research Office, Pollinators and our Food Security, What do Hedgerows contribute? \$599,954

2012 – 2014 National Keck Futures Initiative, Assessing the sustainability of agricultural commodity chains: contrasting ecosystem service impacts of small-scale agriculture and large-scale agribusiness, \$100,000

2006-2015 Restoring pollination function on farms and ranches in California's Central Valley, USDA. Natural Resources Conservation Service, (06-08,\$149,109 with \$38,713 to UCB) and USDA Conservation Innovation Grant (06-08, \$74,799 with \$25,186 to UCB; 09-11; \$220,154 with 109,598 to UCB; 12-15; \$152,560 to UCB). Collaborative grant with Xerces Society. Co PI with co-PIs Mace Vaughan and Scott Hoffman-Black (Xerces Society).

2011-2016 National Science Foundation. Interactive Dynamics of Wildlife Populations, Human Health and House Wealth in Rural Africa (lead PI Justin Brashares), \$1,460,000.

2012-2014 CS Fund, Native pollinators and food security: Local and landscape diversity effects on strawberry pollination, \$50,000

2010-2013 The John D. and Catherine T. MacArthur Foundation Grant. REBIOMA: a global network of biodiversity data for reef to ridge conservation planning, monitoring & management in Madagascar. \$268,756 with \$131,244 to UC Berkeley. Collaborative grant with Wildlife Conservation Society (WCS). PI with co-PI Dr. Christopher Holmes (WCS).

2011-2012 Army Research Office, Native pollinators and food security: Local and landscape diversity effects on strawberry pollination, seed grant, \$50,000

2009-2012 National Science Foundation, Ecology Panel. \$800,000 with \$522,159 to UCB. Reassembling pollinator communities to promote pollination function at the landscape scale, PI with co-PIs Dr. Eric Lonsdorf (Lincoln Park Zoo), Dr. Maile Neal (University of Maryland) and Dr. Neal Williams (University of California, Davis).

2007-2010 The John D. and Catherine T. MacArthur Foundation Grant. REBIOMA: a global network of biodiversity data for reef to ridge conservation planning & implementation in Madagascar. \$280,000 with \$50,000 to UC Berkeley. Collaborative grant with Wildlife Conservation Society (WCS). PI with co-PI Dr. Helen Crowley (WCS).

2008-2010 The John D. and Catherine T. MacArthur Foundation Grant. Technological Innovations for Biodiversity Conservation in the Face of Climate Change in Madagascar. \$390,000. PI with co-PI Dr. Brian Fisher (California Academy of Sciences).

2006. NESCENT ([*National Evolutionary Synthesis Center*](#)) \$36,000. Catalysis Grant. Historical perspectives on the distribution of biodiversity in Madagascar. Co-PI with PI Anne Yoder (Duke University).

2005 - 2008. National Science Foundation, Ecology Panel. \$303,713. Community Disassembly and Ecosystem Function: Pollination Services Across Agro-Natural Landscapes. PI with co-PI Dr. Neal Williams (Bryn Mawr College) and Dr. Rachael Winfree (University of California, Berkeley).

2005. National Fish and Wildlife Foundation. \$50,290. Assessing and Restoring Native Crop Pollinators on Agricultural lands in New Jersey. PI with co-PI Dr. Neal Williams (Bryn Mawr College).

2004 - 2007. The John D. and Catherine T. MacArthur Foundation. Development of REBIOMA: a global network of biodiversity data for conservation planning and implementation in Madagascar. \$300,000 with \$180,000 to UC Berkeley. Collaborative grant with Wildlife Conservation Society. PI with co-PI Dr. Helen Crowley (WCS)

2004 - 2006. National Center for Ecological Analysis and Synthesis. Restoring an ecosystem service to a degraded landscape: native bees and crop pollination. \$67,700. PI with co-PI Dr. Neal Williams (Bryn Mawr College)

2004-2006. Critical Ecosystems Partnership Fund, Conservation International. \$90,000. Madagascar Biodiversity Network. Co-P.I. with PI Dr. Helen Crowley (WCS)

2002-2006 . McDonnell 21st Century Research Award. \$450,000. Biological diversity, landscape heterogeneity, and pollination services: a framework for adaptive management. Sole PI.

2001. Wildlife Conservation Society. \$50,000. For developing a nationwide biodiversity database and conservation planning tool for Madagascar. PI with co PI Matthew Hatchwell (WCS)

2000. Projet d'Appui à l'Environnement. (\$32,000 for initial studies; \$32,000 for follow-up). For developing a nationwide biodiversity database and conservation planning tool for Madagascar. PI with co PI Matthew Hatchwell (WCS)

1999-2001. Mead Foundation (\$50,000), National Fish and Wildlife Foundation (\$25,000, \$40,000), Organic Farming Research Foundations (\$8,000), The Nature Conservancy (\$11,600) and Stanford Field Studies Internship Program (\$22,800). Conservation of pollinators across wild and agricultural landscapes in California. Sole PI.

1993 - 1996. USAID Sustainable Approaches to Viable Environmental Management grant to CARE International. \$2,700,000, with approximately \$700,000 of that to WCS. I wrote the conservation component of this proposal which financed the Projet Masoala, an integrated conservation and development program in Madagascar.

1993. National Science Foundation. \$33,125 Target taxon analysis: a biogeographical, systematics approach to conservation inventory. PI with co-PIs Dr. Robert K. Wayne (UCLA) and Dick Vane-Wright (Natural History Museum, London, UK).

1993. Biodiversity Support Program. \$125,000. Monitoring the integrated conservation and development strategy: a demonstration project in Madagascar on the Masoala Peninsula, PI with co-PI Dr. Vincent Razafimahatratra, University of Antananarivo, Madagascar.

1991-1996. Wildlife Conservation International (\$92,000), National Geographic Society (\$12,500), and Biodiversity Support Program (\$15,000). For studying butterflies as surrogate indicators for biodiversity in Madagascar. PI with co-PI Dr. Vincent Razafimahatratra, University of Antananarivo, Madagascar.

1991-1993. Center for Conservation Biology. Seed grant to establish a field station and long-term ecological monitoring program on the Masoala Peninsula in Madagascar. \$88,000. Follow-up funding in 1995-1996 of \$20,000.

1991. MacArthur Foundation. Seed grant to develop a conservation training program for university students in Madagascar. \$40,000.

1989, 1990. Conservation International. For training Malagasy interns as conservation professionals and field biologists. \$10,000.

1990 American Philosophical Society. \$3,600. Butterfly radiations in Madagascar.

1989 Douroucoulis Foundation. \$2,500. Travel grant to study butterflies in Madagascar.

EXTERNAL RESEARCH SUPPORT: GRADUATE STUDENT RESEARCH GRANTS, PI Kremen

2022 Hesse Award, \$12,000 (Doctoral Student: Ilke Geladi)

2022 Hesse Award, \$12,000 (Doctoral Student: Aaron Skinner)

2022 The Rufford Foundation, \$9,860 (Doctoral Student: Ilke Geladi)

2022 Vanier, TBD (Doctoral Student: Jenna Melanson)

2016 Annie's Organics, \$11,000 (Doctoral Student: Aidee Guzman)

2014 Sigma Delta Epsilon Graduate Women in Science, Many Flowers, Few Fruits: Exploring Resource Allocation and Pollen Limitation in Theobroma Cacao, \$6512 (Doctoral Student: Emily Kearney)

2014 Explorer's Club, \$3000 (Doctoral Student: Adrian Lu)

2014 Garden Club of America Centennial Pollinator Fellowship, \$4000 (Doctoral Student: Lauren Ponisio)

2013 National Geographic Explorer Grant, \$5000 (Doctoral student: Lauren Ponisio)

2011-2014 Western SARE. \$17882. Ecosystem Services in Hedgerow Restorations: Pollination Function and Nesting Habitat (Doctoral Student: Hillary Sardinas)

2010-2011 Margot Marsh Biodiversity Foundation, \$24,995, Resource Extraction, Bushmeat Hunting, and Continued Surveillance of Forest Resource Degradation in Makira and Masoala Protected Areas (Doctoral student: Chris Golden)

2010 - 2011 National Science Foundation, \$14,985, DISSERTATION RESEARCH: Evaluating the impact of hunter harvest on the demography and species sustainability of a multi-species primate community (Doctoral student: Chris Golden)

2010 National Geographic Society, \$15,000, Understanding bumble bee population decline. (Postdoctoral student: Dr. Shalene Jha)

2009 National Geographic Society, \$15000, Establishment and conservation of natural areas in agricultural landscapes (Postdoctoral student: Dr. Lora Morandin)

2008-2010 Western SARE, \$20,074, Promoting native bumblebees in agricultural systems for conservation and ecosystem service (Doctoral student: Alexandra Harmon-Threatt)

2008-2009 National Geographic Society, \$21,142, Bushmeat trade and consumption across Madagascar's eastern rain forest system: linking hunting, species' survivorship and human health (Doctoral student: Chris Golden)

2007-2008 Margot Marsh Biodiversity Foundation, \$23,000, Bushmeat hunting and lemur conservation in the Makira Forest, Masoala National Park and Zahamena National Park, Madagascar: a cross-regional comparison. (Doctoral student: Chris Golden)

2007-2008 Organic Farming Research Foundation, \$8,770, Determining Habitat Requirements for Natural Enemies of Crop Pests (Doctoral student: Rebecca Chaplin-Kramer)

2006-2008 Western Sustainable Agriculture Research Extension, \$9,650, Pest control services from natural habitat (Doctoral student: Rebecca Chaplin-Kramer)

2006-2007 Environment Fund, \$10,000, Pest Control Services From Natural Habitat Near Farmland (Doctoral student: Rebecca Chaplin-Kramer)

2006-2008 The Land Institute, \$4,530, Pest Control Services From Natural Habitat to Farmland (Doctoral student: Rebecca Chaplin-Kramer)

INTERNAL RESEARCH SUPPORT

2019 - 2021 Whole Earth Research Cluster, a catalysis cluster grant from the Biodiversity Research Centre, University of British Columbia, \$50,000 CAD

2014 Instructional Improvement Grant, Center for Teaching and Learning, \$3000, plus matching grant from my department, University of California, Berkeley

2009-2012 Berkeley Institute of the Environment, \$50000, Roundtable on Diversified Farming Systems, University of California, Berkeley

2008-2009 Faculty Research Grant. \$5,000, Genetic and Social Dynamics of an Invasive Wasp. University of California, Berkeley

2007-2008. Hellman Faculty Fund. \$25,000, Almond pollination by wild bees. University of California, Berkeley

2007-2008. Chancellor's Partnership Fund, University of California, Berkeley \$98,000, Optimizing pollination services across spatially heterogeneous landscapes: a model incorporating farmer management choices and risk aversion in response to ecological and economic variability. PI with co-PI Prof. David Zilberman

2007-2008. Junior Faculty Research Grant, \$8,000, Almond pollination by wild bees.

2006-2007 Berkeley Institute of the Environment. \$10,000, Roundtable on Ecosystem Services.. PI with co-PI Prof. David Zilberman, University of California, Berkeley

2006-2007 Junior Faculty Research Grant. \$10,000, Ecological genetics of bumblebee (*Bombus*) populations, University of California, Berkeley

2005-2006 Junior Faculty Research Grant. \$5,500, Pest control services from natural habitat. University of California, Berkeley

2005-2010 Agriculture Experiment Station, \$20,000/year, Restoring wild bees and crop pollination services in agricultural landscapes of California. University of California, Berkeley

PROFESSIONAL SERVICE

Field Chief Editor, *Frontiers in Sustainable Food System*, **2018 - present**

Berkeley High School Excellence Program, Elected Member, **2017-2018.**

Scientific Advisory Panel, Resilient Landscapes Program, San Francisco Estuary Institute, **2016-2020**

International Scientific Advisory Councils: Madagascar Faunal Group **2000-2005**, Xerces Society **2003-Present**, International Pollinator Initiative, **2005-2008**, Status and Trends of European Pollinators (**2010 – 2014**), Australian Research Council Centre of Excellence for Environmental Decisions (**2011-2018**), Conservation International (**2014-2020**), Center for Nature-Based Climate Solutions (**2020-present**), Beijer Institute of Ecological Economics (**2021**)

Grants Panel, Team Lead, USDA-NIFA, **2016**

Grants Panel member, USDA-NIFA, **2015**

Review Editor, Intergovernmental Panel on Biodiversity and Ecosystem Services, Pollinator Fast-Track Assessment, **2014-2015**

Guest editor, *Proceedings of the National Academy of Sciences*, **2015 – present**, occasional articles

Member, Science Leadership Team, Bridging Agriculture and Conservation Initiative, Bioversity, CGIAR, **2013 - 2015**

Member, Climate Change Consortium, California Department of Food and Agriculture, **2012-13**

Co-editor, Special Issue: A Socio-ecological analysis of diversified farming systems: Benefits, costs, obstacles and enabling policy frameworks. *Ecology and Society* (with A. Iles and C. Bacon) **2011-2012**

Advisor, Interdisciplinary Job Search, Department of Systems Ecology, Stockholm University, **2010**

Member of Editorial Board: *Conservation Letters*, **2008- 2018**

Member of Editorial Board: *Conservation Biology*, **2000 – 2011**

Member of Editorial Board: *Quarterly Review of Biology*, **2009-2011**

Appointed Member of National Academy of Sciences study on status of pollinators in North America, responsible for editing two of seven chapters. **2005-2006**

Chief Technical Advisor, REBIOMA project, Wildlife Conservation Society, Madagascar. I advised on developing a national biodiversity database for conservation planning using state of the art bioinformatics, modeling and conservation planning tools. **2001-2012**

Member, Steering Committee, Specialty Crops Research Initiative Pollinator Project, **2010**

Member, Pollinator Steering Committee, Natural Resources Solutions, **2007-2009**

Member of North American Pollinator Protection Campaign (NAPPC) Conservation and Research working groups, **2004-2006**

Task Force Chair for NAPPC: Pesticide risk reduction program of NAPPC with the Environmental Protection Agency **2003-2004**; Restoring pollination function to agricultural landscapes, **2004-2005**

Contributing Faculty of 1000, Conservation and Restoration section, **2005**

Elected Member: World Commission on Protected Areas, IUCN, **2000 – 2012**

Journal and book reviewer: Publons peer-review award recipient;
<https://publons.com/researcher/1261142/claire-kremen/peer-review/>

Reviews include *Agriculture, Ecosystems and Environment*, *Agriculture and Human Values*, *Annals of Applied Biology*, *Basic and Applied Ecology*, *Biological Conservation*, *BioScience*, *Biotropica*, *California Agriculture*, *Columbia University Press*, *Conservation and Society*, *Conservation Biology*, *Current Biology*, *East African Agricultural and Forestry Journal*, *Ecological Applications*, *Ecological Economics*, *Ecology*, *Ecology Letters*, *Ecology and Society*, *Ecosystems*, *Environmental Science and Policy*, *Fieldiana*, *Frontiers in Ecology*, *Global Food Security*, *Insect Conservation and Diversity*, *Journal of Animal Ecology*, *Journal of Applied Ecology*, *Journal of Economic Entomology*, *Oryx*, *Nature*, *Proceeding of the National Academy of Sciences*, *Proceedings of the Royal Society*, *Public Library of Science*, *Science*, *TREE*, etc.

Grant proposal reviewer: Biodiversity Support Program, Federal Ministry of Education and Research in Germany, National Fish and Wildlife Foundation, National Geographic, National Science Foundation, Organization for Tropical Studies, Swiss National Science Foundation, The Nature Conservancy, United States Department of Agriculture, Wildlife Conservation Society, National Environmental Research Council, UK, National Science and Engineering Research Council of Canada, etc.

External thesis or PhD qualifying examiner: James Cook University, Australia; University of California, Davis, USA; University of Gottingen, Germany; University of New England, New Zealand

External reviewer, career and tenure promotions: Bryn Mawr College; Trinity College, Ireland; University of British Columbia, Canada; University of California, Davis, University of California, Santa Cruz; University of Ohio; University of Toledo, University of Arizona, Cornell University, University of Vermont

UNIVERSITY SERVICE

University of British Columbia

Member, Graduate Fellowship Committee, Institute of Resources, Environment and Sustainability, 2019 - 2020

University of California, Berkeley

Campus

Founding Co-Faculty Director, [Berkeley Food Institute](#). I worked to create a cross-campus initiative on sustainability in the food system joining the College of Natural Resources, with the Schools of Public Policy, Journalism, Law, Environmental Design and Public Health. **2012- 2017**

Curator, Essig Museum of Entomology, 2005-2018

Member, Campus Graduate Fellowship Committee, **2017**

Dialogues Curator, Center for Teaching and Learning, **2016-17**

Outside member, Promotion Review Committee, **2016**

Co-organizer, [Food Exchange Series](#), **2013 – 2015**. A monthly series of panel discussions on topical food issues.

Member, Graduate Awards Committee, Hellman Foundation, **2014**

Member, Faculty Awards Committee, **2010-2012**

Member, Hellman Faculty Funds Awards Committee, **4/2010**

College of Natural Resources, University of California, Berkeley

Founding Director, [Center for Diversified Farming Systems](#). 2011 – 2018.

Co-organizer, [Roundtable on Diversified Farming Systems](#), 2010-2018. A monthly speaker series.

Member, Advisory Board, Masters in Development Program, **2010-2011**

Member, Advisory Board, Environmental Leadership Program, **2010-2013**

Affiliate, Energy Resources Group, **2006 – 2018**

Executive Committee, elected **2007-2009**; served **2007-2008**

Academic Advising, undeclared majors, **2006 – 2008**; CRS majors **2008-present**
Courses and Curriculum Committee, **2006-2007**

Dept. of Environmental Sciences, Policy & Management, University of California, Berkeley

Faculty Search Committee Chair: Sustainable Agriculture position, **2015-2016**

Graduate Admissions Committee, **2014-2015**

Faculty Search Committee: Wildlife Ecology and Policy position, **2014-2015**

Faculty Search Committee Chair: Sustainable Agriculture position, **2013-2014**

Faculty Search Committee: Sociology of Agriculture position, **2011-2012**

Director of Graduate Studies, **2010 - 2012**

Tenure Review Committee, **2010, 2011, 2013, 2015**

Promotion Review Committee, **2016**

Space Committee, **2010**

Faculty Search Committee: Restoration Ecology position, **2007-2008**

Faculty Search Committee: Arthropod Behavior position, **2006-2007**

Ecological Genetics Facilities Manager search committee, **2007**

Affirmative Action Committee, **2006-2007**

Departmental Seminar Series Committee, **Spring 2006, Spring 2008**

Princeton University

McGraw Center for Teaching and Learning, Advisory Board, **2004 - 2005**

Graduate Student Selection Committee, Dept. of Ecology and Evolutionary Biology, **2005**

Associated Faculty, Princeton Environmental Institute, **2001-2005**

Matthey College Fellow, **2001-2005**

PUBLIC SERVICE & OUTREACH

Public speaking engagements on pollinators, agroecology and conservation

2022:

2021:

2020: Society for Environmental Conservation, Vancouver;

2019:

2018: UC Berkeley Botanical Garden

2017: Arts and Ecology Panel, Pro Arts Gallery, Oakland; California Academy of Sciences, educational video for [Flipside Science](#) series; CalScience panel discussion on science communications and food

2016: UC Davis Beekeeper conference; San Mateo Beekeeping Association, Mt. Diablo Beekeeper Association, Marin County Beekeeper Association.

2015: Organized, hosted and spoke in lecture series on issues in the food systems for Learning in Retirement, University of California, Berkeley; Organized and taught lectures and field day for students, Florida International University; Panel for Organic Valley, Panel for Oakland City Museum

2014: Ecofarm, Berkeley Connect, California State Board of Food and Agriculture, Pesticide Action Network/Berkeley Food Institute; Sees the Day

2013: Garden Club of Palo Alto; Gill Tract Event; Hedgerow Outreach event for Growers; Sees the Day

2012: Edible Education

2011: Rotary Club, Berkeley, CA; Renaissance Weekend, Jackson, WY; Sees the Day

2010: Metro Center, Portland, Oregon; East Bay Science Café, Berkeley, CA; EcoFarm, Asilomar, CA; Sees the Day

2009: Commonwealth Club, San Francisco, CA; Homecoming Faculty Lecture, University of California, Berkeley, California Bioforum for High School Teachers, California Academy of Sciences; Industrial College of the Armed Forces; Fulbelly Farm Hoes Down Festival

2008: Bay Area California Science Writers Association; Women's Faculty Club, Lunch and Learn Series, University of California, Berkeley;

2007: California State Board of Agriculture; Bee Documentaries, Panelist, Berkeley, CA

2006: Wild Farm Alliance, Symposium speaker; Ecofarm Conference, Symposium speaker; California Bioforum for High School Teachers, California Academy of Sciences; Xerces Society Grower Outreach Meeting

Elementary school instruction: 2008-present, pollination and bee biology in the indoor/outdoor classroom Montessori Family School and Sees the Day Camp.

High school instruction: 2013 Berkeley High School, 2009 Durham Academy

DOCTORAL and POST-DOCTORAL STUDENTS MENTORING

Post-doctoral advisees:

Dr. Neal Williams, 2001-2003, currently Associate Professor at University of California, Davis

Dr. Jim Regetz, 2004-2005, currently staff at National Center for Ecological Analysis and Synthesis

Dr. Rachael Winfree, 2001-2008, currently Associate Professor at Rutgers University, USA

Dr. Yael Mandelik, 2005-2007, currently Head of the Agroecology and Plant Health Study Program, Hebrew University, Israel

Dr. Alison Cameron, 2005- 6/2008, currently Teaching and Research Lecturer, Bangor University, UK

Dr. Alexandra Klein, 2007-8/2008, currently Professor and Department Chair, University of Freiburg, Germany

Dr. Shalene Jha, 2009- 2011, currently Associate Professor at University of Texas, Austin

Dr. Christina Kennedy, 2010 – 2012 (co-supervised with Dr. Eric Lonsdorf at Lincoln Park Zoo); currently Senior Scientist, The Nature Conservancy

Dr. Lora Morandin, 2007 – 2012, currently independent environmental consultant

Dr. Joanne Gaskell, 2012 – 2013, currently staff at World Bank

Dr. Leithen M’Gonigle, 2012 – 2015, currently Assistant Professor at Simon Fraser University

Dr. Danny Karp, 2013- 2015, currently Assistant Professor at University of California, Davis

Dr. Amber Sciligo, 2011- 2018, currently Science Programs Manager, The Organic Center, Washington, DC

Dr. David Gonthier, 7/2014 – 10/2017; currently Assistant Professor at University of Kentucky.

Dr. Rassim Khelifa, 3/2020, Swiss National Science Foundation postdoctoral fellow

Dr. Joséphine Gantois, 9/2021,

Doctoral advisees:

Dr. Sarah Greenleaf, Ecology and Evolutionary Biology (EEB), Princeton University, 2000-2005 “Local-scale and foraging-scale affect bee community abundances, species richness, and pollination services in Northern California”; then became Assistant Professor at Sacramento State University, now farming in Virginia.

Dr. Trond Larsen, EEB, Princeton University, 2001-2006 “Linking patterns, causes and functional consequences of changing biodiversity: dung beetles and forest fragmentation”; Director, Rapid Assessment Program at Conservation International

Dr. Tatjana Good, (I was her advisor for her Certificate in Science, Technology and Environmental Policy, Princeton University), then post-doctoral fellow with Dr. Robert Pressey, University of Queensland, Australia

Dr. Rebecca Chaplin-Kramer, Environmental Sciences, Policy and Management (ESPM), UC Berkeley, 2005- 2010, “The Landscape Ecology of Pest Control Services: Cabbage Aphid-Syrphid Trophic Dynamics on California’s Central Coast”, currently Lead Scientist, Natural Capital Project

Dr. Brian Gross, Agriculture Resource Economics, UC Berkeley, 2005- 2010, “Beneficial Bees and Pesky Pests: Three Essays on Ecosystem Services to Agriculture” (co-advised with Prof. David Zilberman), Visiting Assistant Professor, Willamette University

Dr. Alexandra Harmon-Threatt, ESPM, UC Berkeley, 2006-2011, “Resource use of native bees: Understanding the roles of competition, preference and nutrition”, currently Assistant Professor, University of Illinois

Dr. Chris Golden, ESPM, UC Berkeley, 2006 - 2011, “ The Importance of Wildlife Harvest to Human Health and Livelihoods in Northeastern Madagascar (co-advised with Prof. Justin Brashares), currently Associate Director, Planetary Health Alliance, School of Public Health, Harvard University)

Dr. Tendro Ramaharitra, ESPM, 2006-2012 “Human dimension of conservation planning: the case of Madagascar at national and regional scales”, currently post-doctoral fellow at University of Aberdeen, Scotland

Dr. Cause Hanna, ESPM, 2007-2012 “Restoring Ecological Function with Invasive Species Management”, Research Station Manager, Santa Rosa Island, Channel Islands California State University (2012-2017); deceased (2017)

Dr. Merrill Baker, ESPM, 2007-2013 “Sunken Treasures: Marine Conservation & Gendered Access During Madagascar’s Political Crisis” (co-advised with Prof. Louise Fortmann), currently Assistant Professor, Middlebury College

Dr. Hillary Sardinas, ESPM, 2009- 2015, “Assessing the Ability of Habitat Enhancements in Agricultural Fields to Support Native Bee Nesting, Foraging and Ecosystem Services”, currently working for University of California Agriculture & Natural Resources (Cooperative Extension)

Dr. Lauren Ponisio, ESPM, 2011 – 2016, “Assembling plant-pollinator communities”; currently Assistant Professor, Dept. of Entomology, UC Riverside

Dr. Emily Kearney, ESPM, 2013 – 2019, “Flies to the Rescue: Improving Pollination Services through Habitat Conservation and Ecological Intensification”, Trainee, Insight Data Science

Dr. Adrian Lu, ESPM, PhD program, 2013 - 2020

Dr. Aidee Guzman, ESPM, PhD program, 2015 – 2021

Rebecca Brunner, ESPM, PhD program, 2015 – present

Harshad Karandikar, ESPM, PhD program, 2017 – present

James Wu, PhD Program, Institute for Resources, Environment and Sustainability (IRES), University of British Columbia, 2019- present

Jenna Melanson, PhD Program, Zoology Department, University of British Columbia, 2020-present

Ilke Geladi, PhD Program, Institute for Resources, Environment and Sustainability (IRES), University of British Columbia, 2020- present

Aaron Skinner, PhD Program, Zoology Department, University of British Columbia, 2022-

Master’s advisees:

Carly McGregor, MSc. Program, Institute for Resources, Environment and Sustainability (IRES), University of British Columbia, 2019- 2022

Gaurav Singh-Varma, MSc. Program, Department of Zoology,, University of British Columbia, 2020- present

Sasha Tuttle, MSc. Program, Department of Zoology, University of British Columbia, 2021-Present

Duncan MacNaughton, MSc. Program, Department of Zoology, University of British Columbia, 2021-Present

Undergraduate advisees:

Numerous undergraduate and Master's level students advised in thesis work in Madagascar, at Stanford, Princeton, and Berkeley including four prize-winning honor's theses:

Kathryn Fiorella (Princeton), John Kim (Princeton), Sarah Wallace Adelman (Stanford), Victoria Glynn (UC Berkeley)

Additionally thirteen honors or senior theses at UC Berkeley were conducted in the Kremen Lab, including :

Eavan Barbieux, Aditya Dave, Andrea Chiem, Lindsay Cook, Victoria Glynn, Janice Joo-Young Kim, Kelly Kulhanek, Elizabeth Morrill, Lev Stefanovich, Ashley Ellis, Collette Yee, Natalie Solares, Kathleen Tom, Rebecca Wong

Post-doctoral and Graduate student fellowship support:

Alexander von Humboldt Fellowship (Klein); Chang-Lin Tien Fellowship (Golden); EPA Star graduate fellowship (Greenleaf); Foreign Language Assistance Fellowship (Baker, Marsh); Hellman Graduate Fellowship (Brunner); Israel Binational Agriculture Research and Development Postdoctoral fellowship (Mandelik); National Science and Engineering Research Council Fellowship, Canada (Morandin, M'Gonigle); NSF pre-doctoral fellowships (Baker, Brunner, Chaplin-Kramer, Greenleaf, Guzman, Golden, Harmon-Threat, Hanna, Kearney, Ponisio, Sardinas); NSF Postdoctoral Fellowship (Gonthier); The Nature Conservancy Smith Post-doctoral fellowship (Williams); NatureNet Fellowship (Karp), Princeton University Centennial graduate fellowship (Larsen); Princeton University Council on Science and Technology Post-doctoral fellowship (Winfrey); UC Berkeley Chancellor's graduate fellowship (Harmon-Threat, Guzman); UC Berkeleyan Fellowship (Lu, Karandikar); UC International House graduate fellowship (Ramaharitra); UC Presidential Postdoctoral Fellowship (Jha, Gonthier); USDA Graduate Fellowship (Sardinas, Ponisio); UC ANR Graduate Training in Cooperative Extension (Guzman, Kearney Sardinas), Van den Bosch Fellowship (Chaplin-Kramer, Lu); Wildlife Conservation Society research fellowship (Larsen, Ramaharitra)

INVITED PROFESSIONAL TALKS

2022

- Managing landscapes to reduce the triple Anthropocene threat, STEP Keynote Seminar, Virginia Tech, Webinar

- Horticultural Growers' Short Course, Pacific Agriculture Show, Berries- Supporting Wild Pollinators With Edge and Other Habitats in Farmland, Pacific Agriculture Show, Abbotsford BC
- Horticultural Growers' Short Course, Pacific Agriculture Show, Cucurbits- Supporting Wild Pollinators With Edge and Other Habitats in Farmland, Pacific Agriculture Show, Abbotsford BC
- Biological Sciences and Climate Change Talk Series, Managing landscapes to reduce the triple Anthropocene threat, University of Chicago

2021

- JAM Keynote Lecture, Pollinators as Ambassadors for diversifying farming systems
- New Frontiers Seminar Series, University of Toronto, Scarborough
- Presidential lecture for the Royal Entomological Society
- Hohenheim Seminar Series "Rethinking Agriculture"

2020

- USAID Agrilinks, Webinar
- Plenary lecture, Ecological society of Germany, Austria and Switzerland (GFOE)
- Simon Fraser University, Webster Lecture in Symbiosis
- School of Forestry and Environmental Studies, Yale University
- Society for Environmental Conservation
- Sustainable Savannas Initiative at the University of Florida

2019

- Quebec Center for Biodiversity Science, keynote speaker, annual symposium
- Oregon State University, graduate-student selected seminar speaker, Ecology, Evolution and Conservation Biology series
- Half-Earth Symposium speaker, Berkeley, CA (with Adina Merenlender)
- IRES departmental seminar, University of British Columbia
- Dept of Geography seminar, University of British Columbia
- Ecological Society of America symposium speaker, St. Louis, Kentucky
- Breakthrough Institute, conference presenter, San Rafael, California
- Electric Pollinators Research Initiative, Keynote (cancelled); Sacramento, CA
- Pacific Branch Entomological Society of America, keynote in honor of Prof. Emeritus Robbin Thorp, San Diego, Ca
- Frontiers FORUM, Montreux, Switzerland
- Cambridge Conservation Initiative, Cambridge, UK
- Wildlife Conservation Series, University of California, Berkeley

- UC Agriculture and Natural Resources conference, Davis, CA

2018

- STEP Seminar Series, Woodrow Wilson School, Princeton University
- Ecology and Evolution seminar series, Departments of Biological Sciences and Applied Ecology, North Carolina State University
- Graduate Selected Seminar Speaker, University Program in Ecology, Duke University
- Distinguished Lecture in Conservation Biology, Dept. of Biology, University of North Carolina at Chapel Hill

2017

- Biodiversity Research Centre, University of British Columbia
- Iowa State University departmental seminar
- USDA-NIFA conference
- Beatty Biodiversity Public Lecture, University of British Columbia
- California Department of Food and Agriculture, Public Forum for Environmental Farming Act Scientific Advisory Panel , University of California, Berkeley
- Cal Futures Forum, University of California, Berkeley
- IRES seminar, University of British Columbia
- American Association for the Advancement of Science, Symposium Speaker, Boston, MA
- P.T. Barnum Annual Lecture, Dept of Biology, Tufts University, Somerville, MA

2016

- Women in Science Lecture, Field Museum, Chicago, Illinois, Nov.
- Yale Institute for Biospheric Studies, Yale University

2015

- Invited Panelist, UC Berkeley Center for Law, Energy, and the Environment, UC Berkeley, Berkeley, CA.
- United States Department of Agriculture, Science Outcomes Council Meeting
- Atkinson Center for Sustainability, Cornell University
- Strickland Memorial Lecture, Dept. of Entomology, University of Alberta, Canada
- Edible Education, University of California, Berkeley

- E. Paul Catts Memorial Lecture, Washington State University
- Keynote speaker, Food Systems Summit, University of Vermont,
- Keynote speaker, 16th Bay Area Conservation Biology Symposium, Lawrence Berkeley Hall of Science
- Invited speaker, Learning in Retirement, University of California, Berkeley
- Energy Resources Group, Departmental Seminar, University of California, Berkeley,
- Invited speaker, International Society for Conservation Biology, Montpellier, France, (with Lauren Ponisio)
- Invited speaker, Ecological Society of America Vice Presidents' Centennial Session, (with Dr. David Gonthier)
- Invited speaker, Organized Symposium on Agroecology, Ecological Society of America, (with Lauren Ponisio)

2014

- Data Sharing Session with Scientists & Natural Resource Agencies, SFSU Romberg Tiburon Center for Environmental Studies. Tiburon, CA.
- Santa Barbara Botanic Garden, Keynote Speaker
- Keynote speaker, 13th IUPAC Congress on Pesticide Chemistry, Special Session on Agroecosystems: Sustaining Biodiversity and Ecosystem Services.
- Hopkins Colloquium Speaker, Kansas State University
- Jane and Richard Block Seminar in Conservation Biology, University of California Riverside
- Nelson Institute, University of Wisconsin
- Agricultural Innovation Prize, Panel, University of Wisconsin
- Diversified Farming Systems Roundtable Series, University of California Berkeley

2013

- Philomathia Forum on Climate Change, symposium speaker
- California Academy of Sciences, Keynote Address, Fellows Dinner
- University of Michigan, Department of Ecology and Evolutionary Biology
- Intecol, Keynote speaker, Threats to an Ecosystem Service symposium
- Ecological Society of America, Symposium Speaker
- Michigan State University, Department of Entomology, Graduate Student Invited Speaker
- Museum of Vertebrate Zoology Lecture Series, University of California, Berkeley
- University of California, San Diego, Department of Biology seminar
- California Department of Food and Agriculture, Climate Change Consortium speaker

2012

- Columbia University, Dept of Ecology and Evolutionary Biology, Graduate Student Invited speaker
- Purdue University, Center for the Environment, Symposium Speaker
- Society for Conservation Biology, North America, Symposium Speaker (Katharina Ullman presenting)
- Association for Tropical Research in Ecology and Evolution (ATREE), Bangalore, India, Departmental Speaker

2011

- Innovation and Knowledge Conference (in association with TED), Jaipur, India,
- Entomological Society of America, 2 symposium talks
- California Rangelands Policy and Research Dialogue, Stanford, CA, sponsored by Woods Institute for the Environment and The Bill Lane Center for the American West.
- Environmental Protection Agency, Webinar
- Utah State University, Ecology Seminar, Graduate Student Invited Speaker
- University of California Berkeley, Dept of Environmental Sciences, Policy and Management, Ecosystem Sciences Seminar

2010

- Sonoma State University, Department of Biology, Colloquium Speaker
- Department of Environmental Sciences, University of California Berkeley, seminar speaker
- University of Kansas, Department of Entomology, Charles Michener Honorary Lecture,
- Swedish Royal Academy, Beijer Institute Seminar Series
- International Conference on Pollinator Biology, Health and Policy, Pennsylvania State University, Plenary and symposium speaker
- Stanford University, Department of Biology, Departmental Seminar (Graduate Student Invited Speaker)
- Biodiversity, Human Wellbeing and Climate Change Symposium, San Francisco, CA, symposium speaker
- Oregon State University, Insect Explorer Seminar Series
- Princeton University, Woodrow Wilson School, Science/Technology/Environmental Policy seminar series

- Society for Conservation Biology chapter, University of California, Berkeley, seminar speaker

2009

- University of Cambridge, 10th Student Conference on Conservation Science, Plenary speaker
- University of California, Riverside, Department of Entomology seminar speaker
- Environmental Defense Fund, San Francisco, speaker (Science Day)
- Miller Institute, University of California, Berkeley, Annual Dinner Seminar
- Department of Environmental Sciences, University of California Berkeley, seminar speaker
- Diversified Farming Systems Roundtable, University of California, Berkeley, seminar speaker
- Chancellor's Forum Lecture

2008

- Wildlife Conservation Society, seminar
- MacArthur Foundation, seminar
- University of Illinois, Urbana-Champaign, Department of Entomology seminar speaker
- EURECO, Leipzig, Germany, Keynote Speaker, Biodiversity-ecosystem functioning
- 3rd European Congress of Apidology, Plenary speaker
- Ecology and Evolution of Plant-Pollinator Interactions, Symposium speaker
- Encontro Sobre Abelhas, Sao Paulo, Brazil, Speaker for one plenary and two symposia
- World Wildlife Fund, Kathryn Fuller Memorial Lecture
- Cornell University, Dept. of Entomology, Jugatae Griswold Lecture
- University of California, Office of the President, Distinguished Speaker's Series
- University of California, Davis, Applied Conservation: A Global Perspective, seminar speaker

2007

- University of California, Santa Cruz, Dept of Environmental Sciences Seminar
- The Wildlife Society, National Meeting, Alaska, Symposium speaker
- University of Iowa, Entomological Sciences Departmental seminar
- Iowa Conservation Biology Chapter, Keynote speaker
- Entomology Society of America, with Rachael Winfree (presenting)
- Ministry of the Environment, Madagascar, Symposium speaker

- Society for Conservation Biology Conference, Port Elizabeth, S. Africa, Ecosystem Services Symposium speaker
- University of California, Berkeley, Wildlife Conservation Lunch speaker

2006

- United States Geological Survey, Menlo Park, Seminar series
- University of Toronto, Ecology and Evolutionary Biology Departmental seminar
- University of California Berkeley, Integrative Biology Departmental Seminar
- University of California Berkeley, Land Conservation Lunch

2005

- Royal Entomological Society, Symposium speaker, with Rebecca Chaplin-Kramer (presenting)
- Diversitas First Open Science Conference, Symposium speaker and organizer
- University of California, Davis, Environmental Sciences Departmental seminar
- University of California, Berkeley, ESPM, Departmental seminar
- University of Connecticut, Ecology and Evolutionary Biology Departmental seminar

2004

- Texas A&M University, 5th Annual Ecological Integration Symposium, Plenary speaker
- University of Mass, Boston, Biology Departmental Seminar
- University of California, Berkeley, ESPM Departmental Seminar (job talk)
- American Museum of Natural History, Expanding the Ark: The Emerging Science and Practice of Invertebrate Conservation, Opening plenary address.
- University of Colorado, Dept. of Ecology and Evolutionary Biology, Population Seminar
- University of Maine, Depts. of Wildlife Ecology & Biology Seminar
- International Workshop on Solitary Bees and their role in Pollination, Brazil, Symposium speaker
- Entomology Society of America, Symposium on Well-Beeing of Pollinators, Symposium speaker
- Society for Conservation Biology Conference, Conservation in Madagascar, Symposium speaker

2003

- Masoala Scientific Congress, Zoo Zurich, Keynote address
- Columbia University, Development Department Seminar

2002

- Invertebrates in Captivity Conference, Keynote address

- Duke University, School of the Environment, seminar
- Columbia University, CERC, Departmental seminar
- University of California, Berkeley, Wildlife Conservation Lunch speaker
- University of Kansas, Dept. of Entomology seminar
- National Center for Ecological Analysis and Synthesis, California, speaker
- University of Wisconsin-Madison, Zoology Departmental Seminar
- Association of Applied Insect Ecologists. With Sarah Greenleaf (presenting).
- Conservation International seminar
- Wildlife Conservation Society seminar
- USAID-Madagascar Partner's Meeting, speaker

2001

- University of California, Davis, Dept. of Entomology seminar
- Yale University, Dept. of Ecology and Evolutionary Biology seminar
- Universidad National Autonoma de Mexico, Morelia, Mexico, Dept. of Ecology seminar

2000

- Joint Meeting of the Entomological Societies of Canada and America, Montreal, Protecting and promoting our pollinators, Symposium speaker
- Princeton University, Dept. of Ecology and Evolutionary Biology seminar (job talk)
- Brown University, Dept. of Ecology and Evolutionary Biology seminar (job talk)

1999

- International Union for Conservation of Nature, Montreal, Adaptive Management, symposium speaker
- University of California, Davis, Dept. of Ecology & Evolution seminar

1998

- Missouri Botanical Gardens, St. Louis, "Managing Human-Dominated Ecosystems", symposium speaker
- Oregon State University, Department of Zoology seminar
- Stanford University, Institute for International Studies seminar
- University of California, Santa Cruz, Environmental Studies Dept. seminar (job talk)
- Society for Conservation Biology Conference, Sydney, Australia. Role of Science in Conservation Planning" With Carlos Galindo-Leal (presenting).
- 3rd International Butterfly Ecology & Evolution Symposium, Colorado, symposium speaker

- Cornell University, Symposium on Adaptive Collaborative Management, New York. With Philip Guillery (presenting)

1997

- University of California, Berkeley, Dept. of Environmental Science, Policy and Management seminar
- "10th Annual Bodega Marine Lab Colloquium on "The Role of Model Systems in Ecological and Evolutionary Research," Symposium speaker.

1996

- UCLA, Department of Biology seminar
- California Academy of Sciences, Department of Entomology seminar
- University of Wisconsin-Madison, Departments of Botany & Zoology seminar
- University of Chicago, Department of Biology seminar
- Society for Conservation Biology Conference, Rhode Island, Monitoring Conservation Impacts, Symposium speaker
- The Missouri Botanical Garden 43rd Annual Systematics Symposium: New Tools for Investigating Biodiversity, St. Louis, Missouri, Andrew Weiss (presenting)

1992

- African Rain Forests Symposium, Wildlife Conservation Society, Massachusetts, Symposium speaker.

1991

- Society for Conservation Biology & Xerces Society Conference, Madison, Wisconsin, Invertebrates in Conservation, Plenary speaker
- The Lepidopterist's Society, Tucson, Arizona, Speaker
- The Institute of Zoology, London, United Kingdom, seminar speaker

1987

- Duke University, Department of Zoology seminar (PhD exit seminar)

WORKSHOPS & PANELS

2021

- SESYNC Workshop Co-organizer, Can enhancing diversity help scale up agriculture's benefits to people and the environment?

2020

- Institute for Resources, Environment and Sustainability, Faculty Roundtable, panelist
- Sustainable Savannas Initiative, University of Florida, panelist
- USAID Pollinator Event, panelist
- Business to Biodiversity, Workshop, EAT Forum
- SESYNC Pursuits Workshop Co-organizer, Can enhancing diversity help scale up agriculture's benefits to people and the environment?

2019

- Presenter and Co-organizer, Can enhancing diversity help scale up agriculture's benefits to people and the environment?, SESYNC, Annapolis, MD, Nov
- Participant, Special Session, Towards Integrated Models Incorporating the Biodiversity-Production Mutualism, Ecological Society of America, Louisville, Kentucky, Aug
- Presenter and Co-organizer, Ecological Society of America, Symposium on Agroecology with Communities: Cross-Disciplinary Collaborations Between Ecology, Agriculture, and Social Science, Aug
- Participant, Biodiversity Health and Monitoring workshop, Hakai Institute & University of British Columbia, Quadra Island, BC, June
- Participant, University of British Columbia, Real-Time Regulation of the Environment, Vancouver, BC, February
- Presenter and participant, University of British Columbia, Beehive Cluster, Vancouver, BC, February
- Co-organized and presented at four internal workshops for Whole Earth working group cluster at University of British Columbia (April, October, November and December)
- Participant, University of British Columbia, Diversified Agroecological Farming Systems workshop, Vancouver, BC, May

2018

- Co-organized and presented for 15 emerging Latin American leaders for the US Department of State's International Visitor Leadership Program on Diversified Agroecological Farming Systems, University of California, Berkeley, CA, October
- Presenter and participant, Pew Charitable Trust, Pollinator Workshop, Washington DC, Ma
- Presenter and participant, University of British Columbia, Diversified Agroecological Farming Systems workshop, Vancouver, BC, June

2017

- Panelist, Science Talk at Cal Conference, Berkeley CA

2016

- Panelist, True Cost of American Food, San Francisco, CA
- Berkeley Food Institute Research to Policy Workshop, Berkeley, CA

2015

- Leveraging research for food and agricultural policy workshop, University of California Office of the President
- Panelist, Sustainable Foods Institute, Monterey Bay Aquarium
- Conservation and Paleobiology Symposium and Workshop, University of California, Berkeley
- Debate, Feeding the World, Environmental Leadership Program
- Food, Energy and Water workshop, University of California, Berkeley

2014

- Berkeley Food Institute, Food Exchange Series, I have organized a series of interdisciplinary panels on topical interests within the food system, including adaptation to climate change, policies for economic development to promote child and maternal nutrition, equitable labor in the food system, and policies to promote a pesticide-free world.
- Debate, Feeding the World, Environmental Leadership Program

2013

- Berkeley Food Institute, Building from the Ground Up, Symposium Organizer

2012

- Ecosystem services along agricultural supply chains, Workshop Co-organizer

2011

- National Academies Keck *Futures Initiative* Conference on Ecosystem Services,
- Status of European Pollinators. Synthesis Workshop. (co-organized workshop and presented two talks)
- Diversified Farming systems Speed Talks (co-organized and presented)
- Renaissance Weekend, Jackson, Wyoming, panelist

2010

- National Center for Ecological Analysis and Synthesis, Pollinator workshop (organized workshop and presented talk)
- Diversified Farming Systems Roundtable, University of California, Berkeley, discussion leader and panelist

- Citizen Science Monitoring for Pollinators, Xerces Society. Trainer.
- Ecosystem service indicators– linking the dynamics of ecosystems to human well-being, Grinda, Stockholm Archipelago, DIVERSITAS/UNEP, participant.

2009

- Citizen Science Monitoring for Pollinators, Xerces Society. Trainer.
- e-Biosphere09: The International Conference on Biodiversity Informatics, London, UK, Panelist

2008

- Workshop on Climate Change in Madagascar, workshop speaker and participant
- Stanford University, Natural Capital Project, workshop speaker
- World Conservation Forum, IUCN World Conservation Congress, Barcelona, Spain, Workshop speaker

2007

- Agriculture at the Metropolitan Edge, University of California, Berkeley, CA, panelist

2006

- National Center for Ecological Analysis and Synthesis, Pollinator workshop (organized workshop and presented talk)
- National Evolutionary Synthesis Center, Madagascar Biodiversity, Symposium speaker and co-organizer

2001

- 11th Institute for Natural Resource Law Teachers, Colorado, workshop speaker
- Wildlife Conservation Society White Oaks, workshop speaker

2000

- Office National de l'Environnement, Antananarivo Madagascar, Atelier sur la Base de Données spatiale de Madagascar, workshop speaker.

MEDIA

Kremen speaks frequently to the media and her work has been featured in national and international print media (e.g. Audubon, Civil Eats, Defenders of Wildlife Magazine, Gourmet Magazine, High Country News, National Geographic, New Scientist, , Plenty, San Francisco Chronicle, Science News, The Commonwealth, The Economist, The Independent, Worldwatch Institute), radio and on-line (BBC News, Christian Science Monitor, MongaBay, On-Line News Hour with Jim Lehrer, KQED with Michael Krasny), video (New York Times with Mark Bittman) and television (CBS Katie Couric, KQED Quest), among many others.