**Kelsey H. Jensen**

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**EDUCATION & EMPLOYMENT**

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| 2016-Present | PhD Candidate, Cornell University, Department of Ecology and Evolutionary Biology. (Advisor: Dr. Jed Sparks) |
| 2015-2016 | Lab technician, Cornell Stable Isotope Lab, Cornell University |
| 2010-2014 | B.A Colgate University, Hamilton, NY. *Magna Cum Laude*. Chemistry w/honors (Advisor: Dr. Anthony Chianese) and Environmental Studies (Advisor: Dr. Catherine Cardelús) |

**PUBLICATIONS**

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| 2020 | Cardelús, C.L., Mekonnen, A.B., **Jensen, K.H.** *et al.* Edge effects and human disturbance influence soil physical and chemical properties in Sacred Church Forests in Ethiopia. *Plant Soil* **453,**329–342 (2020). |
| 2020 | Genova LA, Johnson BB, Castelli FR, Arcila Hernández LM, Chang van Oordt DA, Demery A-J, Fletcher NK, Goud EM, Holmes KD, Houtz JL, Howard MM, Hughes JJ, **Jensen KH**, Kunerth HD, Law EP, Lombardi E, Mazo-Vargas A, McDonald CA, Mittan CS, Ryan TA, Tracy AM, Uehling JJ, Weiss AK, Smith MK. 2020. What is speciation, how does it occur, and why is it important for conservation? *CourseSource*.  <https://doi.org/10.24918/cs.2020.28> |
| 2016 | Kim, D.; Le, L.; Drance, M. J.; **Jensen, K. H.**; Knapp, S. M.; Chianese, A. R. “Ester Hydrogenation Catalyzed by CNN-Pincer Complexes of Ruthenium” *Organometallics,* 2016, 35, pp 982-989*.* |
| 2014 | Chianese, A. R.\*; Drance, M. J.; **Jensen, K. H.**; McCollom, S. P.; Yusufova, N.; Shaner, S. E.; Shopov, D. Y.; Tendler, J. A. Acceptorless Alkane Dehydrogenation Catalyzed by Iridium CCC-Pincer Complexes. *Organometallics*, 2014, 33, 457-464. |

**HONORS AND FELLOWSHIPS**

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| 2016 | Cornell Traineeship in Cross-Scale Biogeochemistry and Climate (NSF-IGERT) (two semesters of full funding) |
| 2016 | Cornell University Graduate Fellowship (one semester full funding) |
| 2014 | Finalist for US Research Fulbright to Norway |
| 2014 | Finalist for NCAA Post-Graduate Scholarship |
| 2014 | Gottesman Award for Excellence in the Sciences and Athletics (Colgate University Commencement Award) |

**RESEARCH GRANTS**

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| 2019 | Robert H. Whittaker Fund Grant ($800) |
| 2019 & 2020 | Sigma Xi Research Small Grants ($1,475) |
| 2017, 2019 | Andrew W. Mellon Student Research Grant ($1,875) |
| 2018 | Paul P. Feeny Graduate Research Fund ($1,200) |
| 2017 | Orenstein Fund Travel Grant ($1000) |
| 2017 | Cross-scale Biogeochemistry and Climate Small Grant ($4000) |

**PRESENTATIONS AND POSTERS**

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| 2019 | **Jensen, K.H.** & Sparks, J.P. Methods of inorganic carbon removal from Aridisols: Implications for quantifying organic carbon pools in arid ecosystems. December 2019. Poster. American Geophysical Union Fall Meeting. San Francisco, CA. |
| 2018 | **Jensen, K.H.** & Sparks, J.P.Soil Organic Matter Stability Under Elevated CO2 in the Mojave Desert. December 2018. Poster. American Geophysical Union Fall Meeting. Washington, D.C. |
| 2016 | **Jensen, K.H.** Soil Organic Matter Stability Under Elevated CO2 in the Mojave Desert. December 2016. Presentation. Ecology and Evolutionary Biology December Symposium. Cornell University, Ithaca, NY. |
| 2014 | **Jensen, K. H.** Soil Status of Ethiopian Church Forests. May 2014. Poster: Colgate Undergraduate Biology Research Symposium. Colgate University, Hamilton, NY. |
| 2014 | **Jensen, K. H.** & Chianese, A. R. Iridium-catalyzed acceptorless dehydrogenation of alkanes. March 2014. Poster: American Chemical Society Annual Meeting. Dallas, TX. |
| 2013 | Drance, M. & **Jensen, K. H.** Synthesis of CNN Pincer Ligands. July 2013. Oral Presentation: Summer Organic Research Symposium. Hobart & William Smith College; Geneva, NY. |
| 2013 | Baez, M., **Jensen, K. H.**, Lichtenaur, C. O., Sperling, A. Oh, Deer! Hamilton is Overabundant. December 2013. Invited Community Forum Presentation. Hamilton Central School; Hamilton, NY. |
| 2013 | **Jensen, K. H.** *et al*. Public Perception of Whitetail Deer in Hamilton, NY: Survey Results of Recommendations. Upstate Institute Student Research. October, 2013. |
| 2012 | **Jensen, K. H.** Stoichiometric Reactivity of Catalytic Dehydrogenation. July 2012. Oral Presentation: Summer Organic Research Symposium. Hamilton College; Clinton, NY. |

**TEACHING EXPERIENCE**

Lab Instructor, Investigative Biology Labs- Cornell University (Fall 2018- Spring 2020; four semesters)

Teaching Assistant, Ecology and the Environment – Cornell University (Fall 2017; one semester)

**PROFESSIONAL DEVELOPMENT**

Special Seminar in Pedagogy, Active Learning, and Education Research (Cornell University, Fall 2019)

Special Seminar in Course Design and Discipline Based Education Research (Cornell University, Spring 2019)

Pedagogy for Teaching Assistants (Cornell University, Spring 2018)

Stable Isotope Intensive Course (University of Utah, Summer 2017)

**OUTREACH, SERVICE, AND LEADERSHIP**

**President of Cornell’s Biogeochemistry, Environmental Science and Sustainability GSA** (2019- Present)

* Organized weekly interdepartmental seminar series of invited external speakers
* Held membership drive to increase student involvement and revive broad interest
* Initiated new BESS professional development series
* Worked with treasurer to reapply for and acquire new sources of funding

**EEB Writing Retreats** (Summer 2019 & Winter 2020)

Implemented a new writing retreat program including acquiring funding, soliciting participants, and organizing two-day writing retreats for EEB grad students and faculty.

**Grad Student Faculty Representative** (Fall 2019- present)

Participate in EEB faculty meetings and take notes to communicate to all grad students.

**EEB December Symposium Committee** (2018)

Solicited abstracts and organized over 40 speakers into sessions for an annual two-day research symposium in Cornell’s Department of Ecology and Evolution.

**BESS Alumni Coordinator**- Cornell University (2017)

Organized a database of all alumni from Cornell’s Biogeochemistry, Environmental Science and Sustainability graduate student association.

**Expand Your Horizons (EYH) Conference**- Cornell University (2018, 2019)

Buddy for middle school girl interested in STEM at 2018 conference. Assisted with workshop at Cornell Lab of Ornithology at 2019 conference.

**FemSTEM- Cornell University** (2017)

Worked one-on-one with an undergraduate woman at Cornell to advise and mentor on over-coming obstacles facing women and minorities in STEM fields.