

**Metrics**    Total citations – **~17500**    h-index – **45**    i10 index – **82**    [Google Scholar](#)

### Education

		Website
2023 –	University of Oregon, United States of America Associate Professor, Computational Chemistry and Food Chemistry	<a href="http://pages.uoregon.edu/chendon">http://pages.uoregon.edu/chendon</a>
2020 –	Courtesy appointed at Oregon State University, Food Science and Technology	
2017 – 2023	Assistant Professor, Computational Chemistry and Food Chemistry	
2015 – 2017	Massachusetts Institute of Technology, United States of America Postdoctoral Associate Advisors: Mircea Dincă, Yogesh Surendranath, Yuriy Román-Leshkov	
2012 – 2015	University of Bath, United Kingdom PhD Advisor: Aron Walsh	
2007 – 2011	Monash University, Australia Undergraduate and Honours Advisors: Ekaterina Izgorodina, Douglas MacFarlane	

### Editorial Appointments

Associate Editor — Journal of the Science of Food and Agriculture (IF. 4.2, Wiley) (2023 – )

### Current Group Members

**Postdoctoral:** Tekalign Debela (09/2021 – )

**Graduate:** Eoghan Gormley (4<sup>th</sup>), Robin Bumbaugh (4<sup>th</sup>), Brian Diamond (3<sup>rd</sup>), Parker Brodale (2<sup>nd</sup>), Elana Cope (2<sup>nd</sup>), Monique Demuth (2<sup>nd</sup>)

**Undergraduate:** Lena Wehn (2025), Eli Rheingold (2025), Jasper Sterling (2025)

### Funding

**PI. (\$330,000)** NSF–DMR CMMT, Award No. 1956403 (2020 – 2023)  
+ **\$300,000** NSF–DMR Special Creativity Extension (2024 – 2025)  
**PI. (\$571,960)** NSF–CAREER CHE–Catalysis, Award No. 2237345 (2023 – 2028)  
**PI. (\$200,000)** Coffee Science Foundation (2021 – 2023)  
**Senior Personnel (\$3,000,000)** ONR — MURI, Award No. N00014-20-1-2517 (2020 – 2023)  
– **\$80,000** pcy to our group (2020 – 2023)  
**PI. (\$150,000** equiv.) NSF XSEDE perennially funded (ongoing)

### Awards and Named Lectureships

**(\$100,000)** Camille Dreyfus Teacher-Scholar Award (2022)  
**(\$100,000)** Research Corporation for Science Advances, Cottrell Scholar (2021)  
**(\$10,000)** Rippey Innovative Teaching Award, University of Oregon (2021)  
Samuel R. Scholes, Jr. Lectureship, Alfred University, New York (2020)  
Dream Chemistry Award Finalist (2020)  
Re:Co Fellow (2019)  
World Coffee Leader (2016)  
BP Technology bronze medal (2013)  
Jubilee Honours Award (2011)  
Brian Gatehouse Award (2009)

## Complete Publication List

3 other manuscripts with editors

1\*\*. *Electrically Conductive [Fe<sub>4</sub>S<sub>4</sub>]-based Organometallic Polymers*

Kadota, K., Tianyang, C., Gormley, E., **Hendon, C. H.**, Dincă, M., Brozek, C. K., *In Review*, 2023,

1\*\*. *Oligosilane Incorporation into Zr-based MOF to Induce Electron Transfer via Host-Guest Interactions*

Anayah, R. I., **Hendon, C. H.**, Thoi, V. S., *In Review*, 2023,

1\*\*. *Moisture Controls Fracto- and Triboelectrification During Coffee Grinding* — [link](#)

Harper, J. M., McDonald, C. S., Rheingold, E. J., Wehn, L. C., Bumbaugh, R. E., Lindberg, L. E., Pham, J., Dufek, J., **Hendon, C. H.**, *In Review*, 2023,

113. *Mapping the Complete Reaction Energy Landscape of a Metal–Organic Framework Phase Transformation* — [link](#)

Hanna, S. L., Barsoum, M. L., Debela, T. T., Malliakas, C. D., Gaidimas, M. A., Knapp, J. G., Kirlikovali, K. O., **Hendon, C. H.**, Dravid, V. P., Farha, O. K., *ACS Materials Lett.*, 2023, 5, 2518

112. *Gram-Scale Synthesis of MIL-125 Nanoparticles and their Solution Processability* — [link](#)

Fabrizio, K., Gormley, E., Davenport, A. M., **Hendon, C. H.**, Brozek, C. K., *Chem. Sci.*, 2023, Accepted

111. *Ligand-Mediated Hydrogenic Defects in Two-Dimensional Electrically Conductive Metal-Organic Frameworks* — [link](#)

Debela, T. T., Yang, M. C., **Hendon, C. H.**, *J. Am. Chem. Soc.*, 2023, 145, 11387 — **FRONT COVER**

110. *Understanding photocatalytic activity dependence on node topology in Ti-based Metal Organic Frameworks* — [link](#)

Kolobov, N., Zaki, A., Świrk, K., Maity, P., Garzon-Tovar, L., Angeli, G. K., Dikhtiarenko, A., Delahay, G., Trikalitis, P. N., Emwas, A.-H., Cadiau, A., Mohammed, O. F., **Hendon, C. H.**, Adilb, K., Gascon, J., *ACS Materials Lett.*, 2023, 5, 1481

109. *Linker aromaticity reduces band dispersion in two-dimensional conductive metal-organic frameworks* — [link](#)

Demuth, M. C., **Hendon, C. H.**, *ACS Materials Lett.*, 2023, 5, 1476

108. *Ligand field tuning of d-orbital energies in metal-organic framework clusters* — [link](#)

Diamond, B. G., Payne, L. I., **Hendon, C. H.**, *Commun. Chem.*, 2023, 6, 67

107. *Giant Redox Entropy in the Intercalation versus Surface Chemistry of Nanocrystal Frameworks with Confined Pores* — [link](#)

Huang, J., Marshall, C. R., Ojha, K., Shen, M., Golledge, S., Kadota, K., McKenzie, J., Fabrizio, K., Mitchell, J. B., Khaliq, F., Davenport, A. M., LeRoy, M. A., Mapile, A. N., Debela, T. T., Twight, L. P., **Hendon, C. H.**, Brozek, C. K., *J. Am. Chem. Soc.*, 2023, 145, 6257

106. *Ligand Engineered Spin Crossover in Fe(II)-Based Molecular and Metal-Organic Framework Systems* — [link](#)

Demuth, M. C., Le, K. N., Sciprint, M., **Hendon, C. H.**, *J. Phys. Chem. C*, 2023, 127, 2735

105. *Assembling Phenothiazine into a Porous Coordination Cage to Improve Its Photocatalytic Efficiency for Organic Transformations* — [link](#)

Lin, H., Xiao, Z., Le, K. N., Yan, T.-H., Cai, P., Yang, Y., Day, G. S., Drake, H., F., Xie, H., Malko, A., **Hendon, C. H.**, Zhou, H.-C., *Angew. Chem. Int. Ed.*, 2022, 61, e202214055

104. *Identification of a Metastable Uranium Metal–Organic Framework Isomer Through Non-Equilibrium Synthesis* — [link](#)

Hanna, S. L., Debela, T. T., Mroz, A. M., Syed, Z. H., Kirlikovali, K. O., **Hendon, C. H.**, Farha, O. K., *Chem. Sci.*, 2022, 13, 13032

**103.** *Tuning CO<sub>2</sub> Hydrogenation Selectivity on Ni/TiO<sub>2</sub> catalysts via sulfur addition* — [link](#)  
Le Berre, C., Falqui, A., Casu, A., Debela, T. T., Barreau, M., **Hendon, C. H.**, Serp, P., *Catal. Sci. Technol.*, 2022, 12, 6856

**102.** *Electrical conductivity through  $\pi$ - $\pi$  stacking in a two-dimensional porous gallium catecholate metal-organic framework* — [link](#)  
Skorupskii, G., Chanteux, G., Le, K. N., Stassen, I., **Hendon, C. H.**, Dincă, M., *Ann. N. Y. Acad. Sci.*, 2022, 1518, 226

**101.** *Porous lanthanide metal-organic frameworks with metallic conductivity* — [link](#)  
Skorupskii, G., Le, K. N., Cordova, D. L. M., Yang, L., Chen, T., **Hendon, C. H.**, Arguilla, M. Q., Dincă, M., *Proc. Nat. Acad. Sci. USA*, 2022, 119, e2205127119

**100.** *An Electric Field-Based Approach for Quantifying Volumes and Radii of Chemically Affected Space* — [link](#)  
Mroz, A. M., Davenport, A., Sterling, J., Davis, J., **Hendon, C. H.**, *Chem. Sci.*, 2022, 13, 6558

**99.** *Three-Electrode Study of Electrochemical Ionomer Degradation Relevant to Anion-Exchange-Membrane Water Electrolyzers* — [link](#)  
Krivina, R. A., Lindquist, G. A., Yang, M. C., Cook, A. K., **Hendon, C. H.**, Motz, A. R., Capuano, C., Ayers, K. E., Hutchison, J. E., Boettcher, S. W., *ACS Appl. Mater. Interfaces*, 2022, 14, 18261

**98.** *Spectroscopic characterization of Mn<sup>2+</sup> and Cd<sup>2+</sup> coordination to phosphorothioates in the conserved A9 metal site of the hammerhead ribozyme* — [link](#)  
Hunsicker-Wang, L. M., Vogt, M. J., Hoogstraten, C. G., Cospser, N. J., Davenport, A. M., **Hendon, C. H.**, Scott, R. A., Britt, R. D., DeRose, V. J., *J. Inorg. Biochem.*, 2022, 230, 111754

**97.** *Conductivity in Open Framework Chalcogenides Tuned via Band Engineering and Redox Chemistry* — [link](#)  
McKenzie, J., Le, K. N., Bardgett, D. J., Collins, K., Ericson, T., Wojnar, M. E., Chouinard, J., Gollidge, S., Cozzolino, A. F., Johnson, D. C., **Hendon, C. H.**, Brozek, C. K., *Chem. Mater.*, 2022, 34, 1905

**96.** *Determining Optical Band Gaps of MOFs* — [link](#)  
Fabrizio, K., Le, K. N., Andreeva, A. B., **Hendon, C. H.**, Brozek, C. K., *ACS Mater. Lett.*, 2022, 4, 457

**95.** *Cooperativity and Metal-Linker Dynamics in Spin-Crossover Framework Fe(1,2,3-triazolate)<sub>2</sub>* — [link](#)  
Andreeva, A. B., Le, K. N., Kadota, K., Horike, S., **Hendon, C. H.**, Brozek, C. K., *Chem. Mater.*, 2021, 33, 8534

**94.** *Singlet-to-Triplet Spin Transitions Facilitate Selective 1-Butene Formation During Ethylene Dimerization in Ni(II)-MFU-4l* — [link](#)  
Mancuso, J. L., Gaggioli, C. A., Gagliardi, L., **Hendon, C. H.**, *J. Phys. Chem. C*, 2021, 125, 22036

**93.** *Divergent Adsorption Behavior Controlled by Primary Coordination Sphere Anions in the Metal-Organic Framework, Ni<sub>2</sub>X<sub>2</sub>BTDD* — [link](#)  
Oppenheim, J., Mancuso, J. L., Wright, A. M., Rieth, A. J., **Hendon, C. H.**, Dincă, M., *J. Am. Chem. Soc.*, 2021, 143, 16343

**92.** *Tunable Band Gaps in MUV-10(M): A Family of Photoredox-Active MOFs with Earth Abundant Open Metal Sites* — [link](#)  
Fabrizio, K., Lazarou, K. A., Payne, L. I., Twight, L., Gollidge, S., **Hendon, C. H.**, Brozek, C. K., *J. Am. Chem. Soc.*, 2021, 143, 12609

**91.** *On the limit of proton-coupled electronic doping in a Ti(IV)-containing MOF* — [link](#)

Mancuso, J. L., Fabrizio, K., Brozek, C. K., **Hendon, C. H.**, *Chem. Sci.*, 2021, 12, 11785

**90.** *A porous crystals penchant for bitter almonds* — [link](#)  
**Hendon, C. H.**, *Matter*, 2021, 4, 2582

**89.** *Effect of Metal Ion on Charge Transport by Two-Dimensional Metal-Organic Frameworks* — [link](#)  
Yoon, S., Stavila, V., Talin, A. A., Stavlia, V., Mroz, A., Bennett, T. D., He, Y., Keen, D. A., **Hendon, C. H.**, Allendorf, M. D., So, M., *ACS Appl. Mater. Interfaces*, 2021, 13, 52055

**88.** *Electronic Challenges of Retrofitting 2D Electrically Conductive MOFs to Form 3D Conductive Lattices* — [link](#)  
Le, K. N., Mancuso, J. L., **Hendon, C. H.**, *ACS Appl. Electron. Mater.*, 2021, 3, 2017

**87.** *What Lies beneath a Metal-Organic Framework Crystal Structure? New Design Principles from Unexpected Behaviors* — [link](#)  
Allendorf, M. D., Stavila, V., Witman, M., Brozek, C. K., **Hendon, C. H.**, *J. Am. Chem. Soc.*, 2021, 143, 6705

**86.** *N-Methylation of Self-Immolative Thiocarbamates Provides Insights into the Mechanism of Carbonyl Sulfide Release* — [link](#)  
Levinn, C. M., Mancuso, J. L., Lutz, R. E., Smith, H. M., **Hendon, C. H.**, Pluth, M. D., *J. Org. Chem.*, 2021, 86, 5443

**85.** *Rapid electrochemical methane functionalization involved Pd-Pd bonded intermediates* — [link](#)  
Kim, S. R., Wegener, E. C., Yang, M. C., O'Reilly, M. E., Oh, S., **Hendon, C. H.**, Miller, J. T., Surendranath, Y., *J. Am. Chem. Soc.*, 2020, 142, 20631

**84.** *Soft Mode Metal-Linker Dynamics in Carboxylate MOFs Evidenced by Variable-Temperature Infrared Spectroscopy* — [link](#)  
Andreeva, A. B., Le, K. N., Chen, L., Kellman, M. E., **Hendon, C. H.**, Brozek, C. K., *J. Am. Chem. Soc.*, 2020, 142, 19291

**83.** *Amorphous Pbl<sub>2</sub> overlayers on crystalline CsPbI<sub>3</sub>: opportunities for nanocrystals?* — [link](#)  
Kasel, T. W., **Hendon, C. H.**, *ACS Appl. Energy Mater.*, 2020, 3, 10328

**82.** *Post-Synthetic Modifications of Ionic Liquids Using Ligand-Exchange and Redox Coordination Chemistry* — [link](#)  
LeRoy, M. A., Mroz, A. M., Mancuso, J. L., Miller, A., Van Cleve, A., Check, C., Heinz, H., **Hendon, C. H.**, Brozek, C. K., *J. Mater. Chem. A*, 2020, 8, 22674

**81.** *Atomically Precise Single Crystal Structures of Electrically Conductive 2D MOFs* — [link](#)  
Dou, J.-H., Arguilla, M. Q., Luo, Y., Li, J., Zhang, W., Sun, L., Mancuso, J. L., Yang, L., Chen, T., Parent, L. R., Skorupskii, G., Libretto, N. J., Sun, C., Yang, M. C., Dip, P. V., Brignole, E. J., Miller, J. T., Kong, J., **Hendon, C. H.**, Sun, J., Dincă, M., *Nat. Mater.*, 2021, 20, 222.

**80.** *Using nature's blueprint to enable catalysis with Earth-abundant metals* — [link](#)  
Bullock, R. M., Chen, J. G., Gagliardi, L., Chirik, P. J., Farha, O. K., **Hendon, C. H.**, Jones, C. W., Keith, J. A., Klosin, J., Minter, S. D., Morris, R. H., Radosevich, A. T., Rauchfuss, T. B., Strotman, N. A., Vojvodic, A., Ward, T. R., Yang, J. Y., Surendranath, Y., *Science*, 2020, 369, 786

**79.** *Electronic Structure Modeling of Metal-Organic Frameworks* — [link](#)  
Mancuso, J. L., Mroz, M. A., Le, K. L., **Hendon, C. H.**, *Chem. Rev.*, 2020, 120, 8641

**78.** *Influence of Nanoarchitecture of Charge Donation and Electrical Transport Properties in [(SnSe)<sub>1+q</sub>][TiSe<sub>2</sub>]<sub>q</sub> Heterostructures* — [link](#)  
Hamann, D. H., Bargett, D., Bauers, S. R., Kasel, T. W., Mroz, A. M., **Hendon, C. H.**, Medlin, D. L., Johnson, D. C., *Chem. Mater.*, 2020, 32, 5802

- 77. Time-resolved in-situ Polymorphic Transformation from on 12-connected Zr-MOF to Another** — [link](#)  
Lee, S.-J., Mancuso, J. L., Le, K. N., Bae, Y.-S., Malliakas, C. D., Bae, Y.-S., **Hendon, C. H.**, Islamoglu, T., Farha, O. K., *ACS Mater. Lett.*, 2020, 2, 499
- 76. Dithiasuccinoyl Motifs Provide COS-based H<sub>2</sub>S Donors Lacking Electrophilic Byproducts** — [link](#)  
Cerde, M., Mancuso, J. L., Mullen, E., **Hendon, C. H.**, Pluth, M. D., *Chem. Eur. J.*, 2020, 26, 5374
- 75. Chemistry and Coffee** — [link](#)  
**Hendon, C. H.**, *Matter*, 2020, 2, 514
- 74. Systematically improving espresso: insights from mathematical modeling and experiment** — [link](#)  
Cameron, M. I., Morisco, D., Hofstetter, D., Uman, E., Wilkinson, J., Kennedy, Z. C., Fontenot, S. A., Lee, W. T., **Hendon, C. H.**, Foster, J. M., *Matter*, 2020, 2, 631 — **Cover Art**
- 73. Switchable Electrical Conductivity in a Three-Dimensional Metal–Organic Framework via Reversible Ligand Reduction** — [link](#)  
Wentz, H. C., Skorupskii, G., Bonfim, A. B., Mancuso, J. L., **Hendon, C. H.**, Oriel, E. H., Sazama, G. T., Campbell, M. G., *Chem. Sci.*, 2020, 11, 1342
- 72. Towards new 2D zirconium-based metal–organic frameworks: synthesis, structures and electronic properties** — [link](#)  
Cadiau, A., Xie, L. S., Shkurenko, A., Qureshi, M., Tchalala, M. R., Park, S. S., Kolobov, N., Bavykina, A., Eddaoudi, M., Dincă, M., **Hendon, C. H.**, Gascon, J., *Chem. Mater.*, 2020, 32, 97
- 71. Close  $\pi$ - $\pi$  stacking promotes efficient charge transport in a lanthanide metal-organic framework** — [link](#)  
Skorupskii, G., Trump, B. A., Kasel, T. W., Brown, C. M., **Hendon, C. H.**, Dincă, M., *Nat. Chem.*, 2020, 12, 131 — **Cover Art**
- 70. Single crystals of electrically conductive Two-Dimensional Metal-Organic Frameworks: structural and electrical transport properties** — [link](#)  
Day, R. W., Bediako, D. K., Rezaee, M., Parent, L. R., Skorupskii, G., Arguilla, M. Q., **Hendon, C. H.**, Stassen, I., Gianneschi, N. C., Kim, P., Dincă, M., *ACS Cent. Sci.*, 2019, 5, 1959
- 69. Nucleolar Stress Induction by Oxaliplatin and Derivatives** — [link](#)  
Sutton, E. C., McDevitt, C. E., Prochnau, J. Y., Yglesias, M. V., Mroz, A. M., Yang, M. C., Cunningham, R. M., **Hendon, C. H.**, DeRose, V. J., *J. Am. Chem. Soc.*, 2019, 141, 18411
- 68. Pressure-Induced Metallicity and Piezoreductive Transition of Metal-Centers in Conductive Metal-Organic Frameworks** — [link](#)  
Le, K. N., **Hendon, C. H.**, *Phys. Chem. Chem. Phys.*, 2019, 21, 25773
- 67. Porous crystals provide potable water from air** — [link](#)  
Mancuso, J. L., **Hendon, C. H.**, *ACS Cent. Sci.*, 2019, 5, 1639
- 66. Monofunctional Platinum(II) Compounds and Nucleolar Stress: Is Phenanthriplatin Unique?** — [link](#)  
McDevitt, C. E., Yglesias, M. V., Mroz, A. M., Sutton, E. C., Yang, M. C., **Hendon, C. H.**, DeRose, V. J., *J. Bio. Inorg. Chem.*, 2019, 24, 899
- 65. Titanium(IV) inclusion as a versatile route to installing photoactivity in metal-organic frameworks** — [link](#)  
Mancuso, J. L., **Hendon, C. H.**, *Adv. Theory. Sim.*, 2019, 1900126
- 64. Record-Setting Sorbents for Reversible Water Uptake by Systematic Anion-Exchanges in Metal-Organic Frameworks** — [link](#)

Rieth, A. J., Wright, A. M., Skorupskii, G., Mancuso, J. L., **Hendon, C. H.**, Dincă, M., *J. Am. Chem. Soc.*, 2019, *141*, 13858

**63. Coffee Chemistry: Not your average joe** — [link](#)  
**Hendon, C. H.**, *Science*, 2019, *365*, 553

**62. Nonlinear optical properties of metal-free perovskites** — [link](#)  
Kasel, T. W., Deng, Z., Mroz, A. M., **Hendon, C. H.**, Butler, K. T., Canepa, P., *Chem. Sci.*, 2019, *10*, 8187

**61. Chemiresistive Sensing of Ambient CO<sub>2</sub> by an Autogenously Hydrated Cu<sub>3</sub>(hexaiminobenzene)<sub>2</sub> Framework** — [link](#)  
Stassen, I., Dou, J.-H., **Hendon, C. H.**, Dincă, M., *ACS Cent. Sci.*, 2019, *5*, 1425

**60. Quo vadis niobium? Divergent coordination behavior of early transition metals towards MOF-5** — [link](#)  
Korzyński, M., Braglia, L., Borgecchia, E., Lomachenko, K. A., Baldansuren, A., **Hendon, C. H.**, Lamberti, C., Dincă, M., *Chem. Sci.*, 2019, *10*, 5906

**59. An unprecedented Ni<sub>14</sub>SiW<sub>9</sub> hybrid polyoxometalate with high photocatalytic hydrogen evolution activity** — [link](#)  
Paille, G., Boulmier, A., Bensaid, A., Ha-Thi, M.-H., Tran, T.-T., Pino, T., Marrot, J., Riviere, E., **Hendon, C. H.**, Oms, O., Gomez-Mingot, M., Fontecave, M., Mellot-Draznieks, C., Dolbecq, A., Mialane, P., *Chem. Commun.*, 2019, *55*, 4166

**58. Dithioesters: Simple, Tunable, Cysteine-Selective H<sub>2</sub>S Donors** — [link](#)  
Cerdeza, M. M., Newton, T. D., Zhao, Y., Collins, B. K., **Hendon, C. H.**, Pluth, M. D., *Chem. Sci.*, 2019, *10*, 1173

**57. A Structural Mimic of Carbonic Anhydrase in a Metal-Organic Framework** — [link](#)  
Wright, A. M., Wu, Z., Zhang, G., Mancuso, J. L., Comito, R. J., Day, R. W., **Hendon, C. H.**, Miller, J. T., Dincă, M., *Chem*, 2018, *4*, 2894

**56. Discovery of Cu<sub>3</sub>Pb** — [link](#)  
Tamerius, A. D., Clarke, S. M., Gu, M., Walsh, J. P. S., Esters, M., Meng, Y., **Hendon, C. H.**, Rondinelli, J. M., Jacobsen, S. D., Freedman, D. E., *Angew. Chem. Int. Ed.*, 2018, *57*, 12809 — **Hot Paper**

**55. Coordination-induced reversible electrical conductivity variation in the MOF-74 analogue Fe<sub>2</sub>(DSBDC)** — [link](#)  
Sun, L., **Hendon, C. H.**, Dincă, M., *Dalton Trans.*, 2018, *47*, 11739

**54. Tunable Mixed-Valence Doping toward Record Electrical Conductivity in a Three-Dimensional Metal-Organic Framework** — [link](#)  
Xie, L. S., Sun, L., Wan, R., Park, S. S., DeGayner, J. A., **Hendon, C. H.**, Dincă, M., *J. Am. Chem. Soc.*, 2018, *140*, 7411

**53. Electronic implications of organic nitrogen lone pairs in lead iodide perovskites** — [link](#)  
Kasel, T. W., **Hendon, C. H.**, *J. Mater. Chem. C*, 2018, *6*, 4765

**52. A Molecular Cross-Linking Approach For Hybrid Metal-Oxides** — [link](#)  
Jung, D., Saleh, L. A. M., Berkson, Z. J., El-Kady, M. F., Hwang, J. Y., Mohamed, N., Wixtrom, A. I., Titarenko, E., Shao, Y., McCarthy, K., Guo, J., Martini, I. B., Kraemer, S., Wegener, E. C., Saint-Cricq, P., Rühle, B., Langeslay, R. R., Delferro, M., Brosmer, J. L., **Hendon, C. H.**, Gallagher-Jones, M., Rodriguez, J., Chapman, K. W., Miller, J. T., Duan, X., Kaner, R. B., Zink, J. I., Chmelka, B. F., Spokoyny, A. M., *Nat. Mater.*, 2018, *17*, 341

**51. Selective Vapor Pressure Dependent Proton Transport in a Metal-Organic Framework with Two Distinct Hydrophilic Pores** — [link](#)

Park, S. S., Rieth, A. J., **Hendon, C. H.**, Dincă, M., *J. Am. Chem. Soc.*, 2018, 140, 2016

**50. Cyclopropenium ( $C_3H_3^+$ ) as an Aromatic Alternative A-site Cation for Hybrid Halide Perovskite Architectures** — [link](#)

Kasel, T. W., Murray, A. T., **Hendon, C. H.**, *J. Phys. Chem. C*, 2018, 122, 2041

**49. Revisiting the Incorporation of Ti(IV) in UiO-type Metal-Organic Frameworks: Metal Exchange Versus Grafting and Their Implications for Photocatalysis** — [link](#)

Santaclara, J. G., Olivos-Suarez, A. I., Gonzalez-Nelson, A., Osadichii, D., Nasalevich, M. A., van der Veen, M. A., Kapteijn, F., Sheveleva, A. M., Veber, S. L., Fedin, M. V., Murray, A. T., **Hendon, C. H.**, Walsh, A., Gascon, J., *Chem. Mater.*, 2017, 29, 8963

**48. Surface Restructuring of Nickel Sulfide Generates Optimally Coordinated Active Sites for Oxygen Reduction Catalysis** — [link](#)

Yan, B., Krishnamurthy, D., **Hendon, C. H.**, Deshpande, S., Surendranath, Y., Viswanathan, V., *Joule*, 2017, 1, 600

**47. Signature of Metallic Behaviour in the Metal-Organic Frameworks  $M_3(\text{hexaiminobenzene})_2$  ( $M = \text{Ni, Cu}$ )** — [link](#)

Dou, J.-H., Sun, L., Ge, Y., Li, W., **Hendon, C. H.**, Li, J., Dincă, M., *J. Am. Chem. Soc.*, 2017, 139, 13608

**46. Designing porous electronic thin-film devices: band offsets and heteroepitaxy** — [link](#)

Butler, K. T., **Hendon, C. H.**, Walsh, A., *Farad. Disc.*, 2017, 201, 207

**45. Electronic structure design of nanoporous, electrically conductive zeolitic imidazolate frameworks** — [link](#)

Butler, K. T., Worrall, S. D., Molloy, C. D., **Hendon, C. H.**, Atfield, M. P., Dryfe, R. A. W., Walsh, A., *J. Mater. Chem. C*, 2017, 5, 7726

**44. Highly Stereoselective Heterogeneous Diene Polymerization by Co-MFU-4l: A Single-Site Catalyst Prepared by Cation Exchange** — [link](#)

Dubey, R., Comito, R. J., Wu, Z., Zhang, G., Rieth, A. J., **Hendon, C. H.**, Miller, J. T., Dincă, M., *J. Am. Chem. Soc.*, 2017, 139, 12664

**43. Grand Challenges and Future Applications for Metal-Organic Frameworks** — [link](#)

**Hendon, C. H.**, Rieth, A. J., Korzyński, M., Dincă, M., *ACS Cent. Sci.*, 2017, 3, 554 — **Cover Imagery**

**42. Is iron unique in promoting electrical conductivity in MOFs?** — [link](#)

Sun, L., **Hendon, C. H.**, Park, S. P., Tulchinsky, Y., Wan, R., Wang, F., Walsh, A., Dincă, M., *Chem. Sci.*, 2017, 8, 4450

**41. Selective Dimerization of Propylene with Ni-MFU-4l** — [link](#)

Comito, R. J., Metzger, E. D., Wu, Z., Zhang, G., **Hendon, C. H.**, Miller, J. T., Dincă, M., *Organometallics*, 2017, 36, 1681

**40. Reversible Capture and Release of  $Cl_2$  and  $Br_2$  with a Redox-Active Metal-Organic Framework** — [link](#)

Tulchinsky, Y., **Hendon, C. H.**, Lomachenko, K. A., Borfecchia, E., Melot, B. C., Hudson, M. R., Tarver, J. D., Korzyński, M. D., Stubbs, A. W., Kagan, J. J., Lamberti, C., Brown, C. M., Dincă, M., *J. Am. Chem. Soc.*, 2017, 139, 5992

**39. Electroactive Nanoporous Metal Oxides and Chalcogenides by Chemical Design** — [link](#)

**Hendon, C. H.**, Butler, K. T., Ganose, A. M., Román-Leshkov, Y., Scanlon, D. O., Ozin, G. A., Walsh, A., *Chem. Mater.*, 2017, 29, 3663

**38. The organic secondary building unit: strong intermolecular  $\pi$ -interactions define topology in MIT-25, a mesoporous MOF with proton-replete channels** — [link](#)

Park, S. S., **Hendon, C. H.**, Fielding, A. J., Walsh, A., O'Keeffe, M., Dincă, M., *J. Am. Chem. Soc.*, 2017, 139, 3619

**37. The impact of solvent relative permittivity on the dimerization of organic molecules well below their solubility limits: examples from brewed coffee and beyond** — [link](#)

Bradley, E. S., **Hendon, C. H.**, *Food Funct.*, 2017, 8, 1037

**36. Mechanism of Single-Site Molecule-Like Catalytic Ethylene Dimerization in Ni-MFU-4l** — [link](#)

Metzger, E. D., Comito, R. J., **Hendon, C. H.**, Dincă, M., *J. Am. Chem. Soc.*, 2017, 139, 757

**35. Magnetic Coupling in a Hybrid Mn(II) Acetylene Dicarboxylate** — [link](#)

**Hendon, C. H.**, Pradaux-Caggiano, F., Hatcher, L. E., Gee, W. J., Wilson, C. C., Carbery, D. R., Walsh, A., Melot, B. C., *Phys. Chem. Chem. Phys.*, 2016, 18, 33329

**34. Chemical principles for electroactive metal-organic frameworks** — [link](#)

Walsh, A., Butler, K. T., **Hendon, C. H.**, *MRS Bulletin*, 2016, 41, 870

**33. Realistic Surface Descriptions of Heterometallic Interfaces: The Case of TiWC Coated in Noble Metals** — [link](#)

**Hendon, C. H.**, Hunt, S. T., Milina, M., Butler, K. T., Walsh, A., Román-Leshkov, Y., *J. Phys. Chem. Lett.*, 2016, 7, 4475

**32. Tracking a Common Surface-Bound Intermediate during CO<sub>2</sub>-to-Fuels Catalysis** — [link](#)

Wuttig, A., Liu, C., Peng, Q., Yaguchi, M., **Hendon, C. H.**, Motobayashi, K., Ye, S., Osawa, M., Surendranath, Y., *ACS Cent. Sci.*, 2016, 2, 522

**31. Lone-Pair Stabilization in Transparent Amorphous tin Oxides: A Potential Route to p-Type Conduction Pathways** — [link](#)

Wahila, M. J., Butler, K. T., Lebens-Higgins, Z. W., **Hendon, C. H.**, Nandur, A. S., Treharne, R. E., Quackenbush, N. F., Sallis, S., Mason, K., Paik, H., Schlom, D. G., Woicik, J. C., Guo, J., Arena, D. A., White Jr., B. E., Watson, G. W., Walsh, A., Piper, L. F. J., *Chem. Mater.*, 2016, 28, 4706

**30. Frontier orbital engineering of metal-organic frameworks with extended inorganic connectivity: Porous alkaline earth oxides** — [link](#)

**Hendon, C. H.**, Walsh, A., Dincă, M., *Inorg. Chem.*, 2016, 55, 7265

**29. One-Dimensional Magnus-Type Platinum Double Salts** — [link](#)

**Hendon, C. H.**, Walsh, A., Akiyama, N., Konno, Y., Kajiwara, T., Ito, T., Kitagawa, H., Sakai, K., *Nat. Commun.*, 2016, 7, 11950

**28. Polymorphism of the azobenzene dye compound methyl yellow** — [link](#)

Cruikshank, D. L., **Hendon, C. H.**, Verbeek, M. J. R., Walsh, A., Wilson, C. C., *CrystEngComm*, 2016, 18, 3456

**27. Self-Assembly of Nobel Metal Monolayers on Transitions Metal Carbide Nanoparticle Catalysts** — [link](#)

Hunt, S. T., Milina, M., Alba-Rubio, A. C., **Hendon, C. H.**, Dumesic, J. A., Román-Leshkov, Y., *Science*, 2016, 352, 974

**26. The effect of bean origin and temperature on grinding roasted coffee** — [link](#)

Uman, E., Colonna-Dashwood, M., Colonna-Dashwood, L., Perger, M., Klatt, C., Leighton, S., Miller, B., Butler, K. T., Melot, B. C., Speirs, R. W., **Hendon, C. H.**, *Sci. Rep.*, 2016, 6, 24483 — **Highlighted in Nature (DOI: 10.1038/532417b)**

**25. Electronic origins of photocatalytic activity in d<sup>0</sup> metal organic frameworks** — [link](#)



Nasalevich, M. A., **Hendon, C. H.**, Santaclara, J. G., Svane, K., van der Linden, B., Veber, S. L., Fedin, M. V., Houtepen, A. J., van der Veen, M. A., Kapteijn, F., Walsh, A., Gascon, J., *Sci. Rep.*, 2016, 6, 23676

**24. A Simple and Non-Destructive Method for Assessing Ligand Incorporation of Bipyridine Dicarboxylates as Linkers in Metal-Organic Frameworks** — [link](#)

**Hendon, C. H.**, Bonnefoy, J., Quadrelli, E. A., Canivet, J., Chambers, M. B., Rouse, G., Walsh, A., Fontecave, M., Mellot-Draznieks, C., *Chem. Eur. J.*, 2016, 22, 3713

**23. Crystal structure optimization using an auxiliary equation of state** — [link](#)

Jackson, A. J., Skelton, J. M., **Hendon, C. H.**, Butler, K. T., Walsh, A., *J. Chem. Phys.*, 2015, 143, 184101 — **Cover Imagery**

**22. Role of entropic effects in controlling the polymorphism in formate  $ABX_3$  metal-organic frameworks** — [link](#)

Kieslich, G., Kumagai, S., Butler, K. T., Okamura, T., **Hendon, C. H.**, Sun, S., Yamashita, M., Walsh, A., Cheetham, A. K., *Chem. Commun.*, 2015, 51, 15538

**21. Million-Fold Electrical Conductivity Enhancement in  $Fe_2(DEBDC)$  versus  $Mn_2(DEBDC)$  ( $E = S, O$ )** — [link](#)

Sun, L., **Hendon, C. H.**, Minier, M., Walsh, A., Dincă, M., *J. Am. Chem. Soc.*, 2015, 137, 6164

**20. Catalytic Amine Oxidation under Aerobic Ambient Conditions: Mimicry of Monoamine Oxidase Enzyme** — [link](#)

Murray, A. T., Dowley, M. J. H., Pradaux-Caggiano, F., Baldansuren, A., Fielding, A. J., Tuna, F., **Hendon, C. H.**, Walsh, A., Lloyd-Jones, G. C., John, M. P., Carbery, D. R., *Angew. Chem. Int. Ed.*, 2015, 127, 9125

**19. Modular design of SPIRO-OMeTAD analogues as hole transport materials in solar cells** — [link](#)

Murray, A. T., Frost, J. M., **Hendon, C. H.**, Molloy, C. D., Carbery, D. R., Walsh, A., *Chem. Commun.*, 2015, 51, 8935 — **TOC ROFL**

**18. Chemical principles underpinning the performance of the metal-organic framework HKUST-1** — [link](#)  
**Hendon, C. H.**, Walsh, A., *Chem. Sci.*, 2015, 6, 3674 — **Hot Paper**

**17. Absorbate-induced piezochromism in a porous molecular crystal** — [link](#)

**Hendon, C. H.**, Wittering, K. E., Chen, T.-H., Kaveevivitchai, W., Popov, I., Butler, K. T., Wilson, C. C., Cruickshank, D. L., Miljanić, O. Š., Walsh, A., *Nano Lett.*, 2015, 15, 2149 — **TOC ROFL**

**16. Nanocrystals of Cesium Lead Halide Perovskites ( $CsPbX_3$ ,  $X=Cl, Br, \text{ and } I$ ): Novel Optoelectronic Materials Showing Bright Emission with Wide Color Gamut** — [link](#)

Protesescu, L., Yakunin, S., Bodnarchuk, M. I., Krieg, F., Caputo, R., **Hendon, C. H.**, Yang, R. X., Walsh, A., Kovalenko, M. V., *Nano Lett.*, 2015, 15, 3692 — **ACS Editor's Choice, Cover Art**

**15. Cation-Dependent Intrinsic Electrical Conductivity in Isostructural Tetrathiafulvalene-Based Microporous Metal-Organic Frameworks** — [link](#)

Park, S. S., Hontz, E. R., Sun, L., **Hendon, C. H.**, Walsh, A., Van Voorhis, T., Dincă, M., *J. Am. Chem. Soc.*, 2015, 137, 1774

**14. Assessment of polyanion ( $BF_4^-$  and  $PF_6^-$ ) substitutions in hybrid halide perovskites** — [link](#)

**Hendon, C. H.**, Yang, R. X., Burton, L. A., Walsh, A., *J. Mater. Chem. A*, 2015, 3, 9067

**13. Photocatalytic  $CO_2$  Reduction Utilizing  $Cp^*Rh$ -based Catalysts in Solution and Heterogenized within Metal-Organic Frameworks** — [link](#)

Chambers, M. B., Wang, X., Elgrishi, N., **Hendon, C. H.**, Walsh, A., Bonnefoy, J., Canivet, J., Quadrelli, E. A., Farrusseng, D., Mellot-Draznieks, C., Fontecave, M., *ChemSusChem*, 2015, 8, 603

- 12. Electronic structure modulation of metal-organic frameworks for hybrid devices** — [link](#)  
Butler, K. T., **Hendon, C. H.**, Walsh, A., *ACS Appl. Mater. Interfaces*, 2014, 6, 22044
- 11. Tunable Trimers: Using Temperature and Pressure to Control Luminescent Emission in Gold(I) Pyrazolate-Based Trimers** — [link](#)  
Woodall, C. H., Fuertes, S., Beavers, C. M., Hatcher, L. E., Parlett, A., Shepherd, H. J., Christensen, J., Teat, S. J., Intissar, M., Rodrigue-Witchel, A., Suffren, Y., Reber, C., **Hendon, C. H.**, Tiana, D., Walsh, A., Raithby, P. R., *Chem. Eur. J.*, 2014, 20, 16933 — **Hot Paper**
- 10. Ligand design for long-range magnetic order in metal-organic frameworks** — [link](#)  
Tiana, D., **Hendon, C. H.**, Walsh, A., *Chem. Commun.*, 2014, 50, 13990
- 9. The role of dissolved cations in coffee extraction** — [link](#)  
**Hendon, C. H.**, Colonna-Dashwood, L., Colonna-Dashwood, M., *J. Agric. Food Chem.*, 2014, 62, 4947
- 8. Atomistic origins of high-performance in hybrid halide perovskite solar cells** — [link](#)  
Frost, J. M., Butler, K. T., Brivio, F., **Hendon, C. H.**, van Schilfgaarde, M., Walsh, A., *Nano Lett.*, 2014, 14, 2584
- 7. Computational screening of structural and compositional factors for electrically conductive coordination polymers** — [link](#)  
Tiana, D., **Hendon, C. H.**, Walsh, A., Vaid, T. P., *Phys. Chem. Chem. Phys.*, 2014, 16, 14463
- 6. Electronic chemical potentials of porous metal-organic frameworks** — [link](#)  
Butler, K. T., **Hendon, C. H.**, Walsh, A., *J. Am. Chem. Soc.*, 2014, 136, 2703 — **TOC ROFL**
- 5. Three-electron two-centred bonds and the stabilisation of cationic sulfur radicals** — [link](#)  
**Hendon, C. H.**, Carbery, D. R., Walsh, A., *Chem. Sci.*, 2014, 5, 1390 — **TOC ROFL**
- 4. Helical frontier orbitals of conjugated linear molecules** — [link](#)  
**Hendon, C. H.**, Tiana, D., Murray, A. T., Carbery, D. R., Walsh, A., *Chem. Sci.*, 2013, 4, 4278
- 3. Engineering the Optical Response of the Titanium-MIL-125 Metal-Organic Framework through Ligand Functionalization** — [link](#)  
**Hendon, C. H.**, Tiana, D., Fontecave, M., Sanchez, C., D'assas, L., Sassoys, C., Rozes, L., Mellot-Draznieks, C., Walsh, A., *J. Am. Chem. Soc.*, 2013, 135, 10942
- 2. Thermodynamic and electronic properties of tunable II-VI and IV-VI semiconductor based metal-organic frameworks from computational chemistry** — [link](#)  
**Hendon, C. H.**, Tiana, D., Vaid, T. P., Walsh, A., *J. Mater. Chem. C*, 2013, 1, 95  
**Hot Paper**
- 1. Conductive metal-organic frameworks and networks: fact or fantasy?** — [link](#)  
**Hendon, C. H.**, Tiana, D., Walsh, A., *Phys. Chem. Chem. Phys.*, 2012, 14, 13120  
**Cover Imagery**

#### Other Publications

*Water For Coffee*

Colonna-Dashwood, M., **Hendon, C. H.**, 2015, ISBN: 978-1-78280-608-0

#### Patents

Apparatus for Conditioning a Liquid, Cartridge, and Container

Colonna-Dashwood, M., McCullough, A., Hendon, C. H., 2019, **WO 2019/175603 A1**

Method for Centrifugal Extraction and Apparatus Suitable for Carrying Out This Method

Hoon, D. M., Winkler, K., Roberts, M. P., Hendon, C. H., 2018, **WO 2018/200922 A1**

## **Representative Media Coverage (> 500,000,000 unique engagements)**

**Popular Media:** [Martha Stewart](#) [The Atlantic](#) [CNN](#) [The New York Times](#) [The Wall Street Journal](#)  
[Food & Wine](#) [Business Insider](#) [Time Magazine](#) [WIRED](#) [Vice](#) [Yahoo!](#) [Fast Company](#) [FOX](#)

**Technical Media:** [Science Magazine](#) [ars technica](#)

**Television:** [welt.de](#) [NBC\(KMTR\)](#) [FOX](#)

**Radio:** [NPR: Science Friday](#) [CBC Radio One – Quirks and Quarks](#)

## **Invited and contributed lectures, and speaking engagements**

UC Berkeley, November 29, 2022

UC Berkeley Miller Institute, November 28, 2022

Cornell University, November 2, 2022

Brown University, October 29, 2022

University of Kentucky, October 25, 2022

UC Davis Sensory Summit, May 28, 2022

University of Utah, May 3, 2022

SCA Boston 2022, April 9, 2022

Re:Co Symposium, April 7, 2022

Recruitment seminar, University of San Diego, March 25 and 26

ACS San Diego Spring Meeting, March 21, 2022

University of Maryland — March 10, 2022

Johns Hopkins University — March 08, 2022

Cal State Los Angeles — December 07, 2021

Texas A&M — October 25, 2021

Linda Hall Library, Kansas City, MO — September 15, 2021

MIT Physics Colloquium Speaker – 18 February 2021

National Academy of Sciences, Distinctive Voices, Irvine, California, USA – 18 November 2020

Untame Singapore, Beyond Boundaries — 30 October 2020

University of Georgia Physics Colloquium Speaker – 8 October 2020

University of the Third Age — 19 August 2020

United States Patent and Trademark Office – 23 June 2020

Alfred University, New York, USA – 21 April 2020

ExxonMobil, Newark, New Jersey, USA – 19 March 2020

Toby's Estate Knowledge Talks, Australian Tour – 2 – 13 November 2019

University of Hawai'i at Mānoa, Hawaii, USA – 31 October 2019

Canadian Regional Qualifiers, Ontario, Canada – 09 September 2019

ACS National Meeting, San Diego, California – 27 August 2019

Gordon Research Conference on Nanoporous Materials, New Hampshire, USA – 05 August 2019

Mendeleev 150 IUPAC Conference, St. Petersburg, Russia – 27 July 2019

University of Kent – 19 July 2019

ACS NORM, Portland, Oregon, 2019 – 17 June 2019

Oregon State University – 13 June 2019

University of Oregon North Star Lecture – 03 June 2019

Oregon State University – 18 February 2019

University of Pittsburgh– 12 February 2019

Pittsburgh Quantum Institute – 11 February 2019

Eugene Hotel Retirement Home – 22 January 2019

Quack Chat, Eugene Downtown Athletics Club – 09 January 2019

ETH Zurich – 14 December 2018

Global Scholars Hall – 18 November 2018

ACS Webinar Series – 07 November 2018  
"Coffee: A Chemical and Physical Perspective", <https://www.acs.org/content/acs/en/acs-webinars/culinary-chemistry/coffee.html>

California State University Stanislaus – 21 October 2018

ICCC 2018 Post-conference meeting, Fukuoka, Japan – 4 August 2018

ICCC 2018 Sendai, Japan – 31 July 2018

Oregon Country Fair, Veneta, Oregon – 15 July 2018

NORM2018 ACS Regional Conference, Redland, Washington – 25 June 2018

OMSI Science Pub, Whirl'd pies, Eugene, Oregon – 14 June 2018

Specialty Coffee Association Expo, Seattle, Washington – 21 April 2018

ACS Dinner Meeting, Oregon Chapter, Reed College – 12 April 2018

ACS National Meeting Press Conference, New Orleans, Louisiana – 21 March 2018

ACS National Meeting, New Orleans, Louisiana – 18 March 2018

Philadelphia Chef Conference, Philadelphia, Pennsylvania – 10 March 2018

Portland State University – 15 February 2018

Skiposium, Sun River, Oregon – 2 February 2018

EuroMOF 2017, Delft, The Netherlands – 29 November 2017

TU Delft, The Netherlands – 26 November 2017

East Cost Coffee Madness, Montreal, Canada – 21 October 2017

Optical, Molecular and Quantum Science Retreat – 11 September 2017

### **Teaching**

Further details are presented in my candidate statement.

*CH410/510 Applied Quantum Chemistry*

*CH431/531 Introduction to Inorganic Chemistry*

*CH266H Advanced General Chemistry*

*CH623 OIM Journal club/How to give a seminar*

*CH199 Freshman Interest Group*

*SCAA Lecturer 2014 – 2022 / World Coffee Leader 2016*

In 2014 I was elected to the Specialty Coffee Association of America lecturer series, presenting to a broad audience on chemistry, physics and biology relating to coffee. These lectures provided a foundation for numerous other educational lectures and public demonstrations to practitioners in the coffee industry. In 2016 I was elected to be a World Coffee Leader, further cementing my ability to communicate science to a diverse audience.

### **Referee for Funding Agencies**

Department of Energy Basic Energy Sciences

Department of Energy SBIR

ACS Petroleum Research Fund

AAAS / EPSRoR Pre-NSF CAREER

European Research Council

National Science Foundation – Division of Materials Research

National Science Foundation – Division of Chemistry

National Science Foundation – MRI

Swiss National Science Foundation SINERGIA

Veni Grant, NWO Talent Scheme — Dutch Research Council

### **Group Alumni**

#### *Alumni*

Dr. Khoa N. Le – PhD graduate – June 2022, ChemAxion

Dr. Jenna L. Mancuso – PhD graduate – July 2021, Postdoc with Dr. Veronique van Speybroeck, University of Ghent, Belgium

Dr. Austin M. Mroz – PhD graduate – May 2021, Postdoc with Dr. Kim Jelfs, Imperial College London, UK

Dr. Thomas W. Kasel – PhD graduate – August 2020, Drug Enforcement Agency, USA

Mr. Joshua Davis – Masters graduate – September 2019, Building site foreman, USA

Dr. Marco Esters – Postdoc – March 2018 – Postdoc at Duke University

Dr. Carolyn Virca – Postdoc – April 2018 – Process Engineer, Intel

Academic undergraduate alumni:

Lya Carini – Graduated 2020, Graduate student at Oregon State University

Min Chieh Yang – Graduated 2020, Graduate student at University of Maryland

Lillian Payne – Graduated 2021, Graduate student at the University of Chicago

Nicole Rodgame – Graduates 2021

**Other Synergistic Activities**

ACS Expert in Metal-Organic Frameworks and Coffee Chemistry, Training completed 20 December 2018

SACNAS Chemistry Department representative 2018, 2019

Oregon Applied Sustainability Experience (OASE) Mentor for Maya Vigil