**Seminar Video List**

* C–H Functionalization webinar (recording available)
  + <https://www.youtube.com/watch?v=VsbKQvgy6kA>
* Stuart Schreiber, Harvard: small molecules as probes of biology and medicine
  + <https://www.youtube.com/watch?v=hBgEaTFxAJg>
* Julia Greer, Caltech: 3D Nano-Architected Meta-Materials
  + <https://www.youtube.com/watch?v=lSNvQT9Aylg>
* Joanna Aizenberg, Harvard: Bio-Inspired Materials
  + <https://www.youtube.com/watch?v=hyzIJG4-iL4>
* Harry Gray, Caltech: Powering the Planet - Fuel from Sunlight and Water
  + <https://www.youtube.com/watch?v=SwgvYAGsOvA>
  + Nathan Lewis: Powering the Planet: Where in the World Will Our Energy Come From? (2005 so a bit dated)
  + <https://www.youtube.com/watch?v=EUKqx2uk-Gs>
  + Richard Zare: Making Materials that Hate Water to Love Water: The Transformative Power of Chemistry
  + <https://www.youtube.com/watch?v=wCooRUFQLO0>
* Carolyn Bertozzi, Stanford (ex-Berkeley!): “Targeting the Cancer GlycoCalyx for Immune Therapy” (about glycosylation – chemical biology):
* <https://www.youtube.com/watch?v=Z9g2t8t_D5o>
  + Frances Arnold, Caltech: “New enzymes by evolution” (about directed evolution – 2018 Nobel Laureate)
  + <https://www.youtube.com/watch?v=05r-FLGtsEQ>
* Dan Nocera, MIT: “The Global Energy Challenge”
  + <https://www.youtube.com/watch?v=g0l1FluxTf8>
* Robert Bergman, Berkeley: Application of Physical Organic Methods to Organometallic Reaction Methods”
  + <https://www.youtube.com/watch?v=o3ZebPT333g>
  + Cathy Drennan, MIT: “Shake, Rattle, & Roll: Capturing Snapshots of Metalloproteins in Action”
  + <https://www.youtube.com/watch?v=GwoJIsU9Bm4>
* Phil Baran, Scripps Research Institute: Synthetic Organic Electrochemistry
  + <https://www.youtube.com/watch?v=8UPQLiR4Fsk>
* Mike Glazer, Oxford: “The wondrous world of perovskites”
  + <https://www.youtube.com/watch?v=v9bMEUr2II4>
* Tom O’Halloran, Northwestern: “Elements of health and disease: inorganic fluxes and metal receptors”
  + <https://www.youtube.com/watch?v=f1BZ1-tEdUs>