CURRICULUM VITAE

Erik Hoff (Zepka) is a Danish-Canadian researcher specializing in biology, medicine, science communication, open access, and interdisciplinary projects. He has lab experience in a variety of fields including vaccine design, chemical analysis, immunological modelling, sensor devices, pathological diagnosis, genetic engineering and environmental health. After a degree in Philosophy and Science he worked in laboratories for a couple of years, then built a public science laboratory and most recently has travelled to research and teach throughout East and South Asia. He is the cofounder of the Open Science Network, the first citizen biology lab and community in Vancouver Canada. He has presented and published papers at UVic, Aarhus University, MIT and University College Cork - taught and lectured at NJIT, UBC, NYU and the Simon Fraser University Institute - and helped design and run laboratories at ShanghaiTech, Guangzhou Academy, MakerLabs and Tongji University. His chief interests are to learn and engage in scientific questions while making them accessible and understandable to the public.

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SELECTED PUBLICATIONS, LECTURES AND PRESENTATIONS

2021:

* *Memento Casu* – Computer Model, ELO 2021, Aarhus Denmark
* *Bioecologies* – ISEA2021
* *Technobiotics of Others* – Paper and Presentation Xcoax, Graz Austria

2020:

* *Anthropocene Models*– BRAC University, Bangladesh
* *Circular Laboratories* - Centre for Excellence in Basic Sciences, Mumbai India
* *Why Sentience?* - ISEA 2020, Montreal Canada
* *The Ethics of Epistemological Materialism* – TTT Conference, Vienna Austria
* *Alien Ecologies* – Bioriidl, Mumbai India
* *Capsule Spectres* – Star Labs, Dhaka Bangladesh

2019:

* *Biocapitalism and Consuming Inaction* – Fish Center, Taipei Taiwan
* *Molecular Biology Lab Design and Implementation* – ShanghaiTech University
* *A Treatise on Vegetable Logic* – ELO 2019, University of College Cork Ireland
* *Biosynthetics* - Chronus Center, M50 Art Park China
* *Rational Games for Biological Systems* – ISEA 2019, Gwangju, Korea
* *The Art of Sustainable Science* – Tongji University, Shanghai China
* *Forest Curriculum* - Tentacles Space, Bangkok Thailand

2018:

    * *Public Science in a Globalized World* – Engineers.SG Forum, Singapore
    * *The Cave and the Biomathematician* – Pearl Museum China
    * *Immunological Problems of Robot Globalization* – FAN4, Ho Chi Minh Vietnam
    * *Water Architecture* – YeahNah Gallery, Xuhui China
    * *Bacterial Garden* – Collaborative Installation, Laforet Museum, Tokyo, Japan
    * *CRISPR and Genetic Modification* – Biobuild Lab, Yangpu China
    * *Immune Models* – Scientific Presentation, Bioclub Japan
    * *Science Fictions for the Robot Class* – Round Table and Talk Series, Maker Labs , Vancouver Canada

2017:

    * *Alimentary Systems* – Series of Interactive Workshops for Tech Fest, Copenhagen,   DK
    * *Probes in Our Fertile Futures* – Talk and Presentation for Border Sessions, the Hague, Netherlands (July 2017)
    * *Unspeakable Vessels* – Interactive Multimedia Installation @ Babycastles NYC (May 2017)
    * *Silent Platforms* – Round Table on Disability and Technology, for Physicalist Marginalia, Manhattan (May 2017)
    * *Rationing the Machine* – Scientists & Artists on Technology, NJIT Writing Center (Apr 2017)
    * *Food-Controlled Internet* – Installation, New York University (Feb 2017)
    * *Cybertext* – Course designed nd taught at New Jersey Institute of Technology, (Jan 2017)

2016:

    * *The Travails of Open Science* – talk for Natalie Jeremijenko's Environmental Art Class, NYU Steinhardt (Dec 2016)
    * *Speculative Cartographies* – Multimedia, Whitney Museum (Oct 2016)
    * *Bio Art and Distributed Agency* – Lecture, MakerLabs (Oct 2016)
    * *Identity Protocols* – Algorithmic Work, Tate Modern in the Turbine Hall (May 2016)
    * *Books* – Curation and Exhibition (London Premiere: Apr 2016)
    * *Sustainable Gamification: Vegetablizing The Ludosphere* – biological game for IRL:URL (Mar 2016)
    * *Democracy and the Technological Society* – lecture course at Decentral (Mar 2016)
    * *Community and the Tools of Knowledge* – Makers Education Series, BCIT (2016)
    * *Immunology and Contemporary Medicine* - Laboratory (2016)

2015:

    * *The New Flesh* - Biology and media curation (Dec 2015)
    * *Kawaii Radiation Demonstration* - UV Radiation Exhibit for Spark! (Dec 2015)
    * *Vaporwave* – Presentation for VIVO (Nov 2015)
    * *An Introduction to Open Sensors* - Workshop at MakerLabs (2015)
    * *Refraction* - presentation @ ISEA 2015
    * *Science Fiction Realism* – Paper for Furtherfield Journal (2015)
    * *Pleioscene Empires* - Coaxial, Los Angeles (June 2015)
    * *Between Art and Science* - Lecture for Curiosity Collider Organization (2015)
    * *Synthetic Selves* – essay for London Technological Publication (2015)
    * *Comprehensive Malfunction* - Skylight Gallery (Feb 2015)

2014:

* *Cloud Makers and Open Tech* – open access and technology @ MakerLabs Opening (2014)
* *DIY Cartographies* - Cohn Drennan Texas USA (2014)
* *Decrypt So Much as Blemish* – publication - Nauseated Drive (2014)
* *(Fate) A Roll of the Dice Will Never Abolish Love* – Computational Model – Wargamez Leipzig (Aug 2014)
* *Teratosynchresis* @ Videographe Montreal Canada(July 2014)
* *Medical Fashion Quarterly* – Publication (April 2014)
* *The Tendency Towards Dendrite Moralism* - Franklin Studios, Vancouver (Apr 2014)
* *Computers and Capital: The Rise of Digital Currency* - CoinFest Vancouver (Mar 2014)
* *Elastic Mettle* - publication Dusie Press (Feb 2014)

2013:

* *Technoscience and Participation* – Panel for the SFU Institute (Dec 2013)
* *Flesh and Structure* - Exhibition curated for The Wrong Biennale, Sao Paolo (Nov 2013)
* *Science for the People* - live performance and exhibition, Gallery Online (Oct 2013)
* *gLITCy_Δ┌┼---\/\/\/\/!┬-* - discussion panel @Neutral Ground, Saskatoon (Sep 2013)
* *Creativity, Science and Art* - Culture Hub, New York City (2013)
* *Objects* – Lecture Seminar, UnderAcademy College, Sweden (Mar – Aug 2013)
* *Terem* – Exhibition @Bronx Space, NYC (June 2013)
* *Phonics Abrogate* – Presentation @ The Western Front (May 2013)
* *Or, the Modern Prometheus* – Computational Model for SPAMM, Paris & NYC (Mar 2013)

2012:

* *The Data Pedestal* - Presentation for GET>PUT, Little Berlin, Philadelphia USA (Nov 2012)
* *Logical Fetishism* – Computer System for Transfer 3D, Wroclaw, Poland (Nov 2012)
* *Systems of Existence* – Code Model, Los Angeles USA (Nov 2012)
* *The Material Glitch* - Exhibition Curated @ Quinary Art Projects (Aug 2012)
* *The Investigation of Whatever* - Course designed and taught @ UnderAcademy College - Term 1 (Jan - Mar 2012) & Term 2 (Apr - Jun 2012)
* *Crumbles Capably* – NLP for BINGE, Vancouver Canada (May 2012)

Pre-2012:

* *Vaccine Design* for Gates Project @ Hancock Lab
* *Technotransit* – Essay for Grace Gallery
* *Environmental Health Analysis* @ Soon Lab
* *The Cadaver, the Comatose and the Chimera* Evolutionary Algorithms with Stelarc @ Lamama Courthouse, Melbourne, Australia & Nabi Museum, Seoul
* *Philosophy of Technology and the Body* (Course designed and facilitated) University of British Columbia
* *Technomaterialism and Biotic Rupture* - Conference Paper and Presentation, Material Affinities Symposium, UBC