M. Andrew Jansen, Ph.D.

Curriculum Vitæ

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Personal Information

Address	Beltsville Agricultural Research Center, Bldg. 012, Room 1-8 10300 Baltimore Avenue, Beltsville, MD 20705-2325
Phone	(301) 504-6649
E-mail	andrew.jansen@usda.gov
Website	Electron & Confocal Microscopy Unit
GitHub	github.com/entojansen

Current Employment

10/11/2022 - Present [Full time, 40 hr/wk]

Employer	United States Department of Agriculture Agricultural Research Service (Northeast Area)
Position	Research Entomologist – Systematic Entomology Laboratory Director – Electron and Confocal Microscopy Unit

Research Interests

Microscopy and bioimaging; structural adaptation and morphological optimization; mechanical behavior of biomaterials; insect evolution and biomechanics; biomimetic design of robotic systems and materials.

Education

02/01/2020 - 09/01/2022 Postdoctoral Fellowship, University of Cologne [02/01/2020 - 08/31/2020] & University of Bonn [09/01/2020 - 09/01/2022]. Full time, 40 hr/wk. Advisor: Dr. Alexander Blanke
ERC Starting Grant (Recipient: Alexander Blanke, Grant agreement ID: 754290) "**MECH-EVO-INSECT**"

08/15/2014 - 05/06/2019 Ph.D., Arizona State University, Evolutionary Biology. Advisor: Dr. Nico Franz
"Evolutionary Biomechanics of the Rostrum of *Curculio* Linnaeus, 1758 (Coleoptera: Curculionidæ)"

08/15/2012 - 05/14/2014 M.Sc., Arizona State University, Biology.
"A Phylogenetic Revision of *Minyomerus* Horn, 1876 and *Piscatopus* Sleeper, 1960 (Curculionidæ: Entiminæ: Tanymecini: Tanymecina)"

08/15/2007 - 05/03/2011 B.S., University of Florida, Entomology and Nematology.

Peer Reviewed Publications

Vieira, P., Pitts, M., Kantor, M., **Jansen, M.A.**, & D. Burke. 2025. Cellular dynamics of beech leaf disease on *Fagus sylvatica*. *Plant Pathology. In Review.*

Bai, F., & **M.A. Jansen**[†]. 2025. Advancing Cotton Fiber Research with Variable-Pressure Scanning Electron Microscopy (VP-SEM). *Frontiers in Plant Science. In Review.*

Valente, M., Streett, H., Turner, R., O'Brien, C., Fournet, V., **Jansen, M.A.**, Dubey, J., Rosenthal, B., Jenkins, M., & A. Khan. 2025. Morphological and autofluorescence assessment of oocysts differentiate live from dead coccidian parasites. *International Journal for Parasitology. In Review.*

[†]Equal contribution to first author.

Harrison, R., **Jansen, M.A.**, Fife, A., & D. Rowley. 2025. The genome sequences of baculoviruses from the tufted apple bud moth, Platynota idaeusalis, reveal recent recombination between an alphabaculovirus and a betabaculovirus from the same host. *Viruses.* 17(2) - 202.

Jenkins, M., Parker, C., **Jansen, M.A.**, Papadopoulos, M., & M. Tucker. 2024. Molecular characterization of cDNA coding for 33.5 kDa and 41 kDa oocyst and sporocyst proteins that are differentially regulated in different strains of *Eimeria maxima. Frontiers in Veterinary Science: Section Parasitology.* 11 - 2024

Franco Meléndez, K.P., Schuster, L., Donahey, M.C., Kairalla, E., **Jansen, M.A.**, Reisch, C., & A.R. Rivers. 2024. MicroMPN: Methods and software for high-throughput screening of microbe suppression in mixed populations. *Microbiology Spectrum.* 12: e03578-23

Vieira, P., Kantor, M.R., **Jansen, M.A.**, Handoo, Z.A., & J.D. Eisenback. 2023. Cellular insights of beech leaf disease reveal abnormal ectopic cell division of symptomatic interveinal leaf areas. *PLOS ONE.* 0292588

Inaba, J., Kim, B.M., Zhao, Y., **Jansen, M.A.**, W. Wei. 2023. The endoplasmic reticulum is a key battleground between phytoplasma aggression and host plant defense. *Cells.* 12(16): 2110

Dougherty, L., Borejsza-Wysocka, E., Miaule, A., Wang, P., Zheng, D., **Jansen, M.A.**, Brown, S., Pineros, M., Dardick, C., & K. Xu. 2023. A single amino acid substitution in MdLAZY1A dominantly impairs shoot gravitropism in *Malus. Plant Physiology.* kiad373

Jansen, M.A., Niverty, S., Chawla, N., & N.M. Franz. 2021. Reducing the risk of rostral bending failure in *Curculio* Linnaeus, 1758. *Acta Biomaterialia.* 126: p. 350-371.

Jansen, M.A., Williams, J., Chawla, N., & N.M. Franz. 2019. Avoidance of catastrophic structural failure as an evolutionary constraint: Biomechanics of the acorn weevil rostrum. *Advanced Materials.* 31(41): 1903526.

Jansen, M.A. & N.M. Franz. 2018. Descriptions of four new species of *Minyomerus* Horn, 1876 (Coleoptera: Curculionidæ), with notes on their distribution and phylogeny. *PeerJ.* 6: e5633.

Jansen, M.A., Luck, K., Campbell, J., Amor, H.B., & D. Aukes. 2017. Bio-inspired robot design considering load-bearing and kinematic ontogeny of Chelonioidea sea turtles. In *Biomimetic and Biohybrid Systems.* p. 216-229

Luck, K., **Jansen, M.A.**†, Campbell, J., Aukes, D., & H.B. Amor. 2017. From the lab to the desert: fast prototyping and learning of robot locomotion. *Proceedings of Robotics: Science and Systems.* 13: p. 75-83.

Jansen, M.A., Singh, S.S., Chawla, N., & N.M. Franz. 2016. A multilayer micromechanical model of the cuticle of *Curculio longinasus* Chittenden, 1927 (Coleoptera: Curculionidæ). *Journal of Structural Biology.* 195: p. 139-158.

Singh, S.S., **Jansen, M.A.**†, Franz, N.M., & N. Chawla. 2016. Microstructure and nanoindentation of the rostrum of *Curculio longinasus* Chittenden, 1927 (Coleoptera: Curculionidæ). *Materials Characterization.* 118: p. 206-211.

Jansen, M.A. & S.E. Halbert. 2016. Key to Florida Alydidæ (Hemiptera: Heteroptera) and selected exotic pest species. *Insecta Mundi.* 0476: p. 1-14.

Jansen, M.A. & N.M. Franz. 2015. Phylogenetic revision of *Minyomerus* Horn, 1876 sec. Jansen & Franz, 2015 (Coleoptera, Curculionidæ) using taxonomic concept annotations and alignments. *ZooKeys.* 528: p. 1-133.

Featured Media

Tuirán, R. 2023. "This weevil has puppet vibes but drills like a power tool". *KQED, Deep Look.* Electronic version of the Japanese Business Daily. 14 November.

Shimonoya, R. 2020. "The strongest bug, uncrushed by a car, reveals its secret of robustness". *Nikkei, Technology Column.* Electronic version of the Japanese Business Daily. 28 November.

Clement, M. 2019. "Weevil genius: Insect inspires stronger, more flexible materials". *ASU Now.* 10 October.

Manuscripts in Preparation

Jansen, M.A. Descriptions and distributions of four new species of *Minyomerus* Horn, 1876 (Coleoptera: Curculionidæ). *In Prep.*

Jansen, M.A. & A. Blanke. Set-theoretic classification of unidirectional plies in the cuticle of Polyneoptera. *In Prep.*

Protocols

Franco Meléndez, K.P., Schuster, L., Donahey, M.C., Kairalla, E., **Jansen, M.A.**, Reisch, C., & A.R. Rivers. 2023. MicroMPN: Software and methods for high-throughput screening of microbe suppression in mixed populations. protocol published via protocols.io

Franco Meléndez, K.P., Schuster, L., Donahey, M.C., Kairalla, E., **Jansen, M.A.**, Reisch, C., & A.R. Rivers. 2023. Most Probable Number Fluorescence Microplate Assay V.1. protocol published via protocols.io

Conference Presentations

Jansen, M.A., Hanzlik, M., & A. Fife. 2024. "Microscopy research in SEL: Electron and confocal microscopy unit". *Annual Meeting of the Entomological Society of America*, Phoenix, AZ.

Hanzlik, M., & **M.A. Jansen**. 2024. "Structural overview of the trochanteral gear morphotypes of nymphal Fulgoromorpha". *Annual Meeting of the Entomological Society of America*, Phoenix, AZ.

Kresslein, R.L., Boudinot, B., **Jansen, M.A.**, Ulmer, J., Heraty, J., & M. Gates. 2024. "Mandibular rods: The form and function of a novel synapomorphy for the hymenopteran infraorder Proctotrupomorpha". *Annual Meeting of the Entomological Society of America*, Phoenix, AZ.

Jansen, M.A., Luktuke, A., Chawla, N., Labonte, D., & A. Blanke. 2024. "Mesoscale laminate structure and constitutive anisoptropy in Polyneopteran head capsules". *27th International Congress of Entomology*, Kyoto, JP.

Jansen, M.A., Luktuke, A., Chawla, N., Labonte, D., & A. Blanke. 2023. "Evidence of functionally graded cuticle in Polyneopteran head capsules". *Annual Meeting of the Entomological Society of America*, Washington, DC.

Jansen, M.A. 2023. "Insect cuticle is for entomologists, not engineers". *Monthly Meeting (March) of the Entomological Society of Washington*, Washington, DC.

Jansen, M.A., Luktuke, A., Chawla, N., Labonte, D., & A. Blanke. 2022. "Characterization of insect cuticle: challenges and insights". *Annual Meeting of the Society for Experimental Biology*, Montpellier, FR.

Jansen, M.A., Luktuke, A., Chawla, N., Labonte, D., & A. Blanke. 2022. "Evidence of functionally graded cuticle in Polyneopteran head capsules". *26th International Congress of Entomology*, Helsinki, FI.

Jansen, M.A., Luktuke, A., Chawla, N., Labonte, D., & A. Blanke. 2022. "Evidence of functionally graded cuticle in Polyneopteran head capsules". *5th International Congress of Invertebrate Morphology*, Vienna, AT.

Jansen, M.A., & N.M. Franz. 2018. "Comparative bending mechanics and morphology of the snout in *Curculio* Linnaeus 1756". *Annual Meeting of the Entomological Society of America*, Vancouver, BC.

Jansen, M.A., Chawla, N., & N.M. Franz. 2017. "Fracture mechanics and evolution of resilient cuticle in the rostrum of *Curculio* Linnaeus, 1758". *Annual Meeting of the Entomological Society of America*, Denver, CO.

Jansen, M.A. & N.M. Franz. 2017. "Evolutionary mechanics of the rostrum in *Curculio* Linnaeus, 1758". *Annual Meeting of the Willi Hennig Society*, St. Petersburg, FL.

Jansen, M.A., Luck, K., Campbell, J., Amor, H.B., & D. Aukes. 2017. "Bio-inspired robot design considering load-bearing and kinematic ontogeny of Chelonioidea sea turtles". *Living Machines*, Stanford, CA.

Luck, K., **Jansen, M.A.**, Campbell, J., Aukes, D., & H.B. Amor. 2017. "From the lab to the desert: fast prototyping and learning of robot locomotion". *Robotics: Science and Systems*, Cambridge, MA.

Jansen, M.A. & N.M. Franz. 2016. "Why the long face? Insights into the mechanical behavior of the rostrum in the genus *Curculio* Linnaeus, 1758". *25th International Congress of Entomology*, Orlando, FL.

Jansen, M.A., Singh, S.S., Chawla, N., & N.M. Franz. 2015. "Mechanical Behavior of the Rostrum of *Curculio* Linnaeus, 1758 (Coleoptera: Curculionidæ)". *Annual Meeting of the Entomological Society of America*, Minneapolis, MN.

Jansen, M.A. & N.M. Franz. 2014. "A phylogenetic revision of *Minyomerus* Horn, 1876, and *Piscatopus* Sleeper, 1960 (Coleoptera: Curculionidæ: Entiminæ: Tanymecini)". *Annual Meeting of the Entomological Society of America Pacific Branch*, Tucson, AZ.

Jansen, M.A. & N.M. Franz. 2013. "A phylogenetic revision of *Minyomerus* Horn, 1876, and *Piscatopus* Sleeper, 1960 (Coleoptera: Curculionidæ: Entiminæ: Tanymecini)". *Annual Meeting of the Entomological Society of America*, Austin, TX.

Jansen, M.A. & N.M. Franz. 2013. "A phylogenetic revision of *Minyomerus* Horn, 1876, and *Piscatopus* Sleeper, 1960 (Coleoptera: Curculionidæ)". *12th Biennial Conference of Science and Management on the Colorado Plateau*, Flagstaff, AZ.

Awards and Fellowships

2024 $2,940,010.00 - USDA-ARS, NP303: Plant Diseases, Project №: 8042-22000-305-00D, "Advanced Microscopy for Fundamental Research of Agricultural Pests and Pathogens", Lead Scientist
2023 $71,555.55 - USDA-NIFA, Project №: 8042-22000-313-002R, "Developing Sustainable Rose Landscapes via RRD Assessments and Breeding RRD Resistant Roses with Stable Blackspot Resistance", Cooperator
2019 $12,000.00 - ASU School of Life Sciences Completion Fellowship
2018 Awarded honorary 1-year membership - AAAS/Science Excellence in Science Program
2018 $400.00 - ASU School of Life Sciences Fall Travel Award
2018 $500.00 - ASU Q2 Graduate College Travel Award
2018 $12,250.00 - ASU Biomimicry Center Fellowship (Corporate sponsorship by Google, Inc.)
2017 $500.00 - The Willi Hennig Society Student Travel Award
2017 $400.00 - ASU School of Life Sciences Fall Travel Award
2017 $195.00 - ASU Q2 Graduate College Travel Award
2017 $6,000.00 - ASU Evolutionary Biology Doctoral Program Summer Fellowship
2016 $400.00 - ASU School of Life Sciences Fall Travel Award

Products Developed

C-Turtle

Website https://sites.google.com/view/c-turtle/
Design Version 1.0 Cut-files
License Attribution 4.0 International (CC BY 4.0)

Patent Applications

Aukes, D., Amor, H.B., Luck, K., **Jansen, M.A.**, & J. Campbell, *inventors*; Arizona State University, Skysong Innovations, *assignee.* 2018. United States non-provisional patent application for systems and methods for rapid-prototyped robotic devices. *US Patent Application No. 16/215,910.* Filed 11 December 2018.

Aukes, D., Amor, H.B., Luck, K., **Jansen, M.A.**, & J. Campbell, *inventors*; Arizona State University, Skysong Innovations, *assignee.* 2017. United States provisional patent application for systems and methods for rapid-prototyped robotic devices. *US Patent Application No. 62/597,276.* Filed 11 December 2017.

Featured Media

Adams, D. 2017. "An army of these odd-looking robotic 'turtles' might help rid the world of landmines". *Digital Trends*. 26 May.

Ander, J. 2017. "Landmine-clearing Pi-powered C-Turtle". *Raspberry Pi Official Blog*. 26 July.

Coledewey, D. 2017. "These flat-pack turtlebots will crawl across minefields for safety's sake". *Tech Crunch*. 25 May.

Crookes, D. 2017. "C-TURTLE". *The MagPi Magazine*: Issue 63 1 November.

DeLisle, J.J. 2017. "Raspberry-Pi-powered turtle robot learns to navigate new terrains on its own - From planetary exploration to swarm robotic landmine sensing, C-Turtle's possibilities are endless". *Electronic Products*. 11 August.

Fagan, K. 2017. "The landmine-detecting robot 'turtle'". *BBC News*. 22 July.

Horsey, J. 2017. "Raspberry Pi used to create C-Turtle, landmine clearing robot". *Geeky Gadgets*. 27 July.

Kety, S. 2017. "'C-Turtle', the 3D printed robot whose movements are similar to a sea turtle". *3D Adept News*. 16 August.

Koslow, T. 2017. "Out of the shell - C-Turtle: the paper turtle robot that can detect landmines". *All3DP*. 20 August.

Lavars. N. 2017. "Turtle-bot teaches itself to waddle through the desert". *New Atlas*. 26 May.

Ludacer, R. 2017. "Researchers are using robotic sea turtles to find land mines". *Tech Insider*. 10 June.

Ray, A. 2017. "A new turtle explorer - This $70 robot that mimics a sea-turtle may eventually reach Mars". *Quartz*. 15 August.

Massaouden, L. 2017. "C-Turtle, le robot tortue en carton qui doit un jour explorer Mars". *Mashable avec France 24*. 25 August.

Mathews, L. 2017. "Robotic Turtles With Raspberry Pi Brains Are Sniffing Out Land Mines". *Geek.com*. 27 July.

Sabin, D. 2017. "This crawling C-Turtle robot could hunt for landmines". *Inverse*. 26 May.

Reynolds, M. 2017. "Robotic turtles can be used to detect landmines in the desert". *New Scientist Magazine*: Issue 3127. 24 May.

Sant, J.V. 2017. "ASU Robotics turns to nature for inspiration". KPHO Broadcasting Corporation: *3TV/CBS5*. 5 June.

Scott, C. 2017. "Partially 3D printed C-Turtle robots crawl and adapt in the desert". *3Dprint.com*. 17 August.

Seckel, S. 2017. "Technology comes from collaboration between computer science, mechanical engineering and biology". *ASU Now*. 25 May.

Seckel, S. 2017. "ASU-designed C-Turtle robot teaches itself to get around". *ASU Now*. 25 May.

Wehner, M. 2017. "These robotic turtles could save your life". *New York Post*. 25 May.

Unknown - 'Hackster Staff'. 2017. "Nature-inspired C-Turtle robot waddles the desert with ease". *Hackster*. 26 May.

Unknown - 'Gadget Junkie'. 2017. "C-Turtle: cardboard turtle robot with Raspberry Pi". *gadgetify*. 27 July.

Unknown - 'Robot Man'. 2017. "C-Turtle cardboard robot turtle learns to navigate different terrains". *Robotic Gizmos*. 27 July.

Design and Prototyping Services

Western Entomological Supply (Co-founder)

github.com/western-entomological

2017 - 2019 Design and production of insect mounting points for entomological collections (Universal Laser Cutter VLS 6.60)

2017 - 2019 Design and production of curation equipment for insect specimens (MakerBot Replicator 2x)

2018 Production of cassette cartridge spacer and brackets prototypes for TechShot (MakerBot Replicator 2x)

Programming Languages and Software

Languages

Most proficient with Python, R, and LaTeX
Intermediate experience with Bash, MATLAB
Dabbled in Abaqus Script, HTML, XML, Java, BASIC, Visual Basic, JavaScript, Git
Currently training in C++17/20

Software

Most proficient with Zeiss Zen Blue, Solidworks, Abaqus/CAE
Intermediate experience with COMSOL, ImageJ, GraphPad Prism
Dabbled in PrusaSlicer, Amira, Adobe Photoshop, Adobe Illustrator

Society Memberships

2025 Acaralogical Society of America (Member, Board of Directors, 2025)
2024 - 2025 Maryland Entomological Society
2022 - 2025 Entomological Society of Washington (President, 2025)
2013 - 2025 Entomological Society of America
2013 - 2019 Coleopterists Society

Academic Service

Manuscript Reviews

Acta Biomaterialia
The Coleopterists Bulletin
Coleopterists Society Monographs (Patricia Vaurie Series)
Myrmecological News
The Pan-Pacific Entomologist
Proceedings of the Entomological Society of Washington
Zootaxa

Book Chapter Reviews

"Weevils (Coleoptera: Dryophthoridæ, Brachyceridæ, Erirhinidæ, Curculionidæ) of the Prairie Ecozone in Canada". Robert S. Anderson, Patrice Bouchard, & Hume Douglas. In Volume 4 of *Arthropods of Canadian Grasslands*.

Community Outreach

2025 SWRS - Weevil Course 2025
2024 ESW - Annual Banquet of Entomological Society of Washington
2024 ECMU - CRAFT Scholars Tour
2024 ECMU - Office of National Programs Tour
2023 ECMU - CRAFT Scholars Tour
2023 ESA - Tour of Beltsville Area Facilities
2023 ECMU - Microscopy Open House
2013 - 2018 ASU - SoLS Night of the Open Door
2013 - 2016 ASU - IAFSE Engineering Open House
2014 - 2015 ASU - SoLS Graduate Partners in Science Education
2014 SWRS - Weevil Course 2014

Insect Identification and Expeditionary Services

2019 Greater Good, Madrean Discovery Expedition - Sierra Chivato, SO, México
2017 - 2018 US Department of Agriculture - Tempe, AZ, USA
2017 Greater Good, Madrean Discovery Expedition - Cajón Bonito, SO, México
2014 Madrean Discovery Expedition - Patagonia, AZ, USA
2013 Madrean Discovery Expedition - Sierra la Púrica, SO, México
2013 US National Park Service, BioBlitz - Joshua Tree National Park, CA, USA
2012 Madrean Discovery Expedition - Sierra Aconchi, SO, México

Teaching Appointments

Course	Subject	Semester	Position
BIO 201	Human Anatomy and Physiology	Fall - 2019	Instructor
BIO 386	Entomology	Fall - 2018	Instructor
BIO 201	Human Anatomy and Physiology	Spring - 2017	Teaching Assistant
BIO 281	Biology (1st Semester for Majors)	Fall - 2016	Teaching Assistant
BIO 182	Biology (2nd Semester)	Summer - 2016	Teaching Assistant
BIO 181	Biology (1st Semester)	Spring - 2016	Teaching Assistant
BIO 282	Biology (2nd Semester for Majors)	Spring 2014	Teaching Assistant
BIO 386	Entomology	Fall - 2013, 2014, 2015	Teaching Assistant

Field and Museum Work

Field Work

United States	AZ, CA, CO, DC, FL, GA, ID, MD, NM, NV, PR, SC, TX, UT, VA (2010 - 2024)
Japan	JP-01, JP-13, JP-26 (2024)
Germany	NRW (2020 - 2022)
Mexico	SO (2012, 2013, 2017, 2019)
Guatemala	AV, BV, CM, CQ, ES, GU, HU, IZ, JA, PR, QC, QZ, SA, SO, SR, SU, TO, ZA (2014)

Collections Visited

ASUT USA, Arizona, Tempe, Arizona State University, Hasbrouck Insect Collection
BYUC USA, Utah, Provo, Brigham Young University, Monte L. Bean Life Science Museum
CASC USA, California, San Francisco, California Academy of Sciences
CSCA USA, California, Sacramento, California State Collection of Arthropods
CSDS USA, California, Baker, Desert Studies Center
CSUC USA, Colorado, Fort Collins, Colorado State University
CWOB USA, Arizona, Green Valley, Charles W. O'Brien Collection
EIHU Japan, Hokkaido, Sapporo, Hokkaido University
EMEC USA, California, Berkeley, University of California, Essig Museum of Entomology
FSCA USA, Florida, Gainesville, Division of Plant Industry, Florida State Collection of Arthropods
FSMC USA, Florida, Gainesville, University of Florida, Florida Museum of Natural History
LBOB USA, Arizona, Green Valley, Lois B. O'Brien Collection
MGCL USA, Florida, Gainesville, University of Florida, McGuire Center for Lepidoptera and Biodiversity
NAUF USA, Arizona, Flagstaff, Northern Arizona University
NMNH USA, Washington, D.C., Smithsonian Institute, National Museum of Natural History
NMSU USA, New Mexico, Las Cruces, New Mexico State University, Museum of Southwestern Biology
NVDA USA, Nevada, Reno, Nevada State Department of Agriculture
RLAC USA, California, El Dorado Hills, Rolf L. Aalbu Collection
SMFD Germany, Hessen, Frankfurt-am-Main, Forschungsinstitut und Naturmuseum Senckenberg

SWRS USA, Arizona, Portal, Southwestern Research Station
TAMU USA, Texas, College Station, Texas Agricultural and Mechanical University
TTUZ USA, Texas, Lubbock, Texas Tech University
UAIC USA, Arizona, Tucson, University of Arizona
UCDC USA, California, Davis, University of California, R.M. Bohart Museum of Entomology
UCRC USA, California, Riverside, University of California, Entomology Research Museum
UNMC USA, New Mexico, Albuquerque, University of New Mexico
UMNH USA, Utah, Salt Lake City, University of Utah, Utah Museum of Natural History
UVGC Guatemala, Guatemala City, Universidad del Valle de Guatemala, Colleción de Artrópodos
ZMHB Germany, Berlin, Museum für Naturkunde der Humboldt Universität zu Berlin

Employment History

09/01/2020 - 09/01/2022 Postdoctoral Researcher - University of Bonn. Full time, 40 hr/wk
02/01/2020 - 08/31/2020 Postdoctoral Researcher - University of Cologne. Full time, 40 hr/wk
08/15/2019 - 01/01/2020 Adjunct Instructor - Mesa Community College. Part time, 9 hr/wk

Professional references available upon request.