

Eric J. Earley

(He/him)

eric.earley@cuanschutz.edu

Curriculum Vitae

Updated 2024-05-23

SUMMARY

I am an Assistant Research Professor with the Bone-Anchored Limb Research Group at the University of Colorado, developing and improving osseointegration technology in a way that can be impactful not only in a laboratory setting, but at home and during daily use.

My research focuses on maximizing patient functionality through improvements to prosthetic control and sensory feedback, evaluating quality of life through at-home data collection of prosthesis use, and development and validation of new outcome measures. This requires a multidisciplinary and collaborative approach bringing together engineers, scientists, surgeons, clinicians, therapists, and patients to develop novel technologies.

EDUCATION

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|--|-----------------------------------|-------------|
| Postdoctoral Training | Chalmers University of Technology | 2020 – 2023 |
| Ph.D. Biomedical Engineering | Northwestern University | 2014 – 2020 |
| M.S. Biomedical Engineering | Northwestern University | 2012 – 2014 |
| B.S. Engineering: Mechanical Specialty | Colorado School of Mines | 2008 – 2012 |

RESEARCH EXPERIENCE

Assistant Research Professor

2023 – present

Bone-Anchored Limb Research Group ♦ University of Colorado
Limb Restoration Program ♦ University of Colorado Hospital
Department of Orthopedics ♦ University of Colorado School of Medicine

Developing and validating outcome measure assessments related to safety, use, and benefits of osseointegrated prosthetic legs and arms in collaboration with Drs. Jason Stoneback and Danielle Melton. Investigating critical design factors leading to increased use of prostheses. Developing and testing simple and novel solutions to improve control and sensory feedback of osseointegrated bionic limbs.

Postdoctoral Research

2020 - 2023

Bionic Arms Area ♦ Center for Bionics and Pain Research
Department of Electrical Engineering ♦ Chalmers University of Technology

Mentor: Prof. Max Ortiz-Catalán

Oversaw clinical trials providing and upgrading neuromusculoskeletal implants for transradial prostheses. Proposed methods of characterizing perceptions elicited via varied neurostimulation modulations. Developed signal processing algorithms to remove neurostimulation artifacts from implanted EMG sensors and mathematical models to probe electrical connectivity between implanted sensors. Investigated longitudinal behavioral and functional impacts of prosthesis use at home. Mentored three PhD students and seven Master's students during their theses.

Research yielded at least twelve peer-reviewed publications: three first-author and six middle-author journal articles, and two first-author and one middle-author conference papers.

Doctoral Research

2014 – 2020

Center for Bionic Medicine ♦ Shirley Ryan AbilityLab
Department of Biomedical Engineering ♦ Northwestern University

Thesis Title: *Sensory Substitution in the Presence of Vision: Providing Joint Speed Feedback to Improve Myoelectric Prosthesis Control and Adaptation.* [Dissertation](#).

Advisors: Dr. Levi Hargrove, Prof. Jon Sensinger

Used sensory feedback to improve motor adaptation by providing information not accurately available via vision, as determined by psychophysical analysis.

Research yielded five peer-reviewed first-author publications: three journal articles and two conference papers.

Master's Research

2012 – 2014

Center for Bionic Medicine ♦ Rehabilitation Institute of Chicago
Department of Biomedical Engineering ♦ Northwestern University

Advisor: Dr. Levi Hargrove

Improved control of partial-hand prostheses through optimization of EMG pattern-recognition parameters and dynamic window lengths while preserving wrist mobility.

Research yielded three peer-reviewed first-author publications: one journal article and two conference papers.

Research Internship

2012

BioMechatronics Development Laboratory
Department of Bioengineering ♦ University of Colorado School of Medicine

Advisor: Dr. Richard F. *ff*Weir

Designed thumb actuation mechanism and housing and created SolidWorks models of prototype 3-DOF prosthetic hand.

PUBLICATIONS*Peer-Reviewed Publications*

1. **E.J. Earley**, J. Zbinden, M. Muñoz-Novoa, F. Just, C. Vasan, A. Sjögren Holtz, M. Emadeldin, J. Kolankowska, B. Davidsson, A. Thesleff, J. Millenaar, S. Jönsson, C. Cipriani, P. Sassu, R. Brånemark, M. Ortiz-Catalan. “Cutting edge bionics in highly impaired individuals: a case of challenges and opportunities,” *IEEE Transactions on Neural Systems and Rehabilitation Engineering*, 2024. [Links](#).
2. **E.J. Earley**[†], N.S. Chan[†], A. Naber, E. Mastinu, M.T.N. Truong, M. Ortiz-Catalan. “Low-Cost, Wireless Bioelectric Signal Acquisition and Classification Platform.” *IEEE Access*, 2024. [Preprint](#).
3. J. Zbinden, **E.J. Earley**, M. Ortiz-Catalan. “Intuitive control of additional prosthetic joints via electro-neuromuscular constructs improves functional and disability outcomes during home use,” *Journal of Neural Engineering*, 2024. [Links](#).

4. **E.J. Earley**, R.E. Johnson, J.W. Sensinger, L.J. Hargrove. "Wrist Speed Feedback Improves Elbow Compensation and Reaching Accuracy for Myoelectric Transradial Prosthesis Users in Hybrid Virtual Reaching Task." *Journal of Neuroengineering and Rehabilitation*, 2023. [Links](#).
5. R. Collu, **E.J. Earley**, M. Barbaro, M. Ortiz-Catalan. "Non-rectangular neurostimulation waveforms elicit varied sensation quality and perceptive fields on the hand," *Scientific Reports*, 2023. [Links](#).
6. J. Zbinden, P. Sassu, E. Mastinu, **E.J. Earley**, M. Muñoz-Novoa, R. Brånemark, M. Ortiz-Catalan. "Improved control of a prosthetic limb by surgically recreating electro-neuromuscular constructs with implanted electrodes," *Science: Translational Medicine*, 2023. [Links](#).
7. M. Ortiz-Catalan, J. Zbinden, J. Millenaar, D. D'Accolti, M. Controzzi, F. Clemente, L. Cappello, **E.J. Earley**, E. Mastinu, J. Kolankowska, M. Muñoz-Novoa, S. Jönsson, C. Cipriani, P. Sassu, R. Brånemark. "A highly integrated bionic hand with neural control and feedback for use in daily life," *Science Robotics*, 2023. [Links](#).
8. **E.J. Earley**[†], A. Berneving[†], J. Zbinden, M. Ortiz-Catalan. "Neurostimulation Artifact Removal for Implantable Sensors Improves Signal Clarity and Decoding of Motor Volition." *Frontiers in Human Neuroscience*, 2022. [Links](#).
9. **E.J. Earley**, J. Zbinden, M. Muñoz-Novoa, E. Mastinu, A. Smiles, M. Ortiz-Catalan. "Competitive Motivation Increased Home Use and Improved Prosthesis Self-Perception after Cybathlon 2020 for Neuromusculoskeletal Prosthesis User," *Journal of Neuroengineering and Rehabilitation*, 2022. [Links](#).
10. E. Lendaro, **E.J. Earley**, M. Ortiz-Catalan. "Statistical analysis plan for an international, double-blind, randomized controlled clinical trial on the use of phantom motor execution as a treatment for phantom limb pain," *Trials*, 2022. [Links](#).
11. B. Ahkami, E. Mastinu, **E.J. Earley**, M. Ortiz-Catalan. "Extra-neural signals from severed nerves enable intrinsic hand movements in transhumeral amputations," *Scientific Reports*, 2022. [Links](#).
12. **E.J. Earley**, R.E. Johnson, J.W. Sensinger, L.J. Hargrove. "Joint Speed Feedback Improves Myoelectric Prosthesis Adaptation after Perturbed Reaches in Non Amputees," *Scientific Reports*, 2021. [Links](#).
13. **E.J. Earley**, R.E. Johnson, L.J. Hargrove, J.W. Sensinger. "Joint Speed Discrimination and Augmentation for Prosthesis Feedback," *Scientific Reports*, 2018. [Links](#).
14. **E.J. Earley**, L.J. Hargrove, T.A. Kuiken. "Dual Window Pattern Recognition Classifier for Improved Partial-Hand Prosthesis Control," *Frontiers in Neuroscience*, 2016. [Links](#).

Conference Papers and Posters

Selected for Oral Presentation

1. **E.J. Earley**, E. Mastinu, M. Ortiz-Catalan. "Cross-Channel Impedance Measurement for Monitoring Implanted Electrodes," *IEEE Engineering in Medicine and Biology Society (EMBC)*, 2022. [Links](#).
2. B.M. Musolf, **E.J. Earley**, M. Muñoz-Novoa, M. Ortiz-Catalan. "Analysis and Design of a Bypass Socket for Transradial Amputations," *IEEE Engineering in Medicine and Biology Society (EMBC)*, 2021. [Links](#).

3. **E.J. Earley**, L.J. Hargrove. "Modeling Expected Reaching Error and Behaviors for Motor Adaptation," *IEEE Engineering in Medicine and Biology Society (EMBC)*, 2019. [Links](#).
4. **E.J. Earley** and L.J. Hargrove. "The Effect of Wrist Position and Hand-Grasp Pattern on Virtual Prosthesis Task Performance," *IEEE RAS/EMBS International Conference on Biomedical Robotics and Biomechatronics (BioRob)*, 2016. [Links](#).

Selected for Poster Presentation

1. **E.J. Earley**, M. Ortiz-Catalan. "Neurostimulation Perception Obeys Strength-Duration Curves and is Primarily Driven by Pulse Amplitude," *International IEEE EMBS Conference on Neural Engineering (NER)*, 2023. [Links](#).
2. **E.J. Earley**, K.J. Kaveny, R.E. Johnson, L.J. Hargrove and J.W. Sensinger. "Joint-based velocity feedback to virtual limb dynamic perturbations," *International Conference on Rehabilitation Robotics (ICORR)*, 2017. [Links](#).
3. **E.J. Earley**, A.A. Adewuyi, and L.J. Hargrove. "Optimizing Pattern Recognition-Based Control for Partial-Hand Prosthesis Application," *IEEE Engineering in Medicine and Biology Society (EMBC)*, 2014. [Links](#).

Abstracts and Conference Proceedings

1. **E.J. Earley**, M.E. Awad, D.H. Melton, C. Hoyt, C. Christiansen, B.M.M. Gaffney, J.W. Stoneback. "A Delphi Survey of OI Component Prescription Consensus," *Global Collaborative Conference on Osseointegration*, 2023.
2. **E.J. Earley**, A. Smiles, N. Jiang, M. Ortiz-Catalan, J.W. Stoneback, D. H. Melton. "Including Prosthetic Control and Sensory Feedback in Personalized Care for Persons with Upper-Limb Loss and Limb Difference," *5th Annual CU Orthopedic Research Symposium*, 2023.
3. F. Just, R. Reho, **E.J. Earley**, M. Ortiz-Catalan. "Neurostimulation artifact removal algorithms to improve control of a tactile feedback prosthesis," *DGBMT Annual Conference on Biomedical Engineering*, 2023. [Links](#).
4. B. Ahkami, E. Mastinu, **E. Earley**, M. Ortiz-Catalan. "Extraneural Recordings Enable the Decoding of Intrinsic Hand Movements in Transhumeral Amputations," *World Congress of the International Society for Prosthetics and Orthotics (ISPO)*, 2021. [Links](#).
5. **E.J. Earley**, R.E. Johnson, L.J. Hargrove and J.W. Sensinger. "Visual Discrimination of Biomimetic Arm Speeds," *School and Symposium on Advanced Neurorehabilitation (SSNR)*, 2018. [Links](#).
6. N. Sanders, M. Drout, S. Kohler, B. Cook, **ComSciCon Leadership Team**. "ComSciCon: The Communicating Science Workshop for Graduate Students," *American Astronomical Society Meeting #231*, 2018.
7. **E.J. Earley**, K.J. Kaveny, R.E. Johnson, L.J. Hargrove and J.W. Sensinger. "Joint-based velocity feedback improves myoelectric prosthesis performance," *Myoelectric Controls and Upper Limb Prosthetics Symposium (MEC)*, 2017. [Links](#).

8. **E. Earley**, K. Kaveny, R. Johnson, L. Hargrove, J. Sensinger. “Appropriate Sensory Feedback Improves Performance,” *World Congress of the International Society for Prosthetics and Orthotics (ISPO)*, 2017. [Links](#).

Publications in Preparation

1. **E.J. Earley**, C. Piazza, K.L. Turner. “A Taxonomy for Commercially Available Myoelectric Terminal Devices,” *Myoelectric Controls and Upper Limb Prosthetics Symposium (MEC)*, 2024. Accepted.
2. K.L. Turner, W. Hill, **E.J. Earley**, M. Muñoz-Novoa, L. Hermansson, H. Lindner. “Refinement of New Items in the Assessment of Capacity for Myoelectric Control for Multi-Articulating Hands,” *Myoelectric Controls and Upper Limb Prosthetics Symposium (MEC)*, 2024. Accepted.
3. E. Lendaro, C. K. Van der Sluis, L. Hermansson, L. Bunketorp-Käll, H. Burger, E. Keesom, C. Widehammar, M. Muñoz-Novoa, B.E. McGuire, P. O’ Reilly, **E.J. Earley**, S. Iqbal, M.B. Kristoffersen, A. Stockselius, L. Gudmundson, W. Hill, M. Diers, K. Turner, and M. Ortiz-Catalan. “Treating phantom limb pain with extended reality and machine learning.” In revision. [SAP](#).
4. A.B. Smiles[†], **E.J. Earley**[†], N. Jiang, M. Ortiz-Catalan. “Sensory Feedback by Direct Neural Stimulation Improves Amputee Prediction of Object Slip.” In revision. [Preprint](#).
5. **E.J. Earley**, Daniel Milius, Mohamed E. Awad, Danielle H. Melton, Delphi Steering Committee, Cory L. Christiansen, Brecca M. M. Gaffney, Jason W. Stoneback. “Consensus via the Delphi Method on Prosthesis Prescription for Bone-Anchored Limbs: A One-Year Update,” *Global Collaborative Congress on Osseointegration (GCCO)*, 2024. Submitted.
6. **E.J. Earley**, M. Ramne, J. Wessberg. “Unified Measures Quantifying Intensity and Similarity of Pain and Somatosensory Percepts.” In preparation (receiving coauthor feedback).

GRANT FUNDING

Completed Research Support

- ♦ **Vetenskapsrådet**: 2020-04817 (PI: Max Ortiz-Catalan)
Integrerade bionisk proteser/Highly integrated bionic prostheses
2021/01/01 – 2023/02/28 **Role**: Post-Doctoral Investigator
- ♦ **NSF-NRI**: Small: 1317379 (PI: Levi Hargrove)
Modeling, Quantification, and Optimization of Prosthesis-User Interface
2014/09/01 – 2018/08/31 **Role**: Pre-Doctoral Investigator
- ♦ **NRSA T32**: HD07418 (PI: Eric Perreault)
Pathophysiology & Rehabilitation of Neural Dysfunction
2016/09/01 – 2018/08/31 **Role**: Pre-Doctoral Trainee
- ♦ **NIDILRR**: 90RE5014-02-00 (PI: Levi Hargrove)
Pattern Recognition-Based Myoelectric Control of Partial-Hand Prostheses
2013/01/01 – 2014/08/31 **Role**: Pre-Doctoral Investigator

PROFESSIONAL MEMBERSHIPS & SERVICE

Journal Editor

- ♦ IEEE Transactions on Medical Robotics and Bionics 2023 – present
Associate Editor, Bionic Prostheses
 Personally handled 5 submissions
- ♦ Frontiers in Human Neuroscience 2023 – present
Review Editor, Brain-Computer Interfaces
- ♦ Prosthesis, MDPI 2022 – 2023
Co-Guest Editor, “Design, Control, and Biomechanics of Prosthetic Limbs.” [Special Issue link.](#)
 7 submissions (personally handled 3), 4 published (personally handled 2).

Journal Referee

Over 85 verified peer reviews across 18 journals and 5 professional conferences.
 Details on [Web of Science](#).

Professional Memberships

- ♦ Member, IEEE 2014 – present
- ♦ Member, IEEE Engineering in Medicine and Biology Society. 2019 – present
 - ♦ Member, Robotics and Automation Society. 2022 – present
- ♦ Member, ISPO 2022 – present

ADVISING & MENTORING

PhD Students

- ♦ **Jan Zbinden**, Electrical Engineering 2020 – 2023
 3-Degree-of-Freedom Simultaneous and Proportional Control of Prosthetic Hands. [Links.](#)
- ♦ **Riccardo Collu**, Engineering & Architecture 2020 – 2022
 Novel Waveform Shapes for Neurostimulation. [Links.](#)
- ♦ **Bahareh Ahkami**, Electrical Engineering (co-mentor) 2020 – 2021
 Extra-Neural Control of Intrinsic Hand Movements in Transhumeral Amputation. [Links.](#)

MS Students

- ♦ **Roberta Reho**, Robotics Engineering (co-mentor) 2022-2023
 Rejection Algorithm for Modulated Neurostimulation Artifacts in iEMG signals. [Links.](#)
- ♦ **Nathaly Sánchez Chan**, Biomedical Engineering 2022
 ADS_BP v4 Open-Source Release. [Preprint.](#)

- ♦ **Malin Lehander**, Biomedical Engineering (co-mentor) 2022
Improving Tactile Discrimination with Mindful Sensory Motor Training.
- ♦ **Agnes Westerlund**, Biomedical Engineering (co-mentor) 2022
Enhancing the Sense of Touch with Brain Modulation.
- ♦ **Anton Berneving**, Engineering Maths and Computer Science 2021
Neurostimulation Artifact Removal Algorithms for iEMG Prosthesis Control. [Links](#).
- ♦ **Brett Musolf**, Biomedical Engineering 2020 – 2021
Design of a Bypass Socket for Transradial Prosthesis Use. [Links](#).
- ♦ **Andrew Smiles**, Systems Design Engineering 2020 – 2021
Slip Prediction and Stimulation System for Sensorized Prosthetic Hands. [Preprint](#).

TEACHING

Chalmers University of Technology – EEM076 – Electric Circuits and Fields 2020 – 2022
Lecturer, Examiner

Planned and lectured for 360 undergraduate students over three years. Responsibilities included delivering 14 lectures and writing 3 examinations per year. [Course link](#).
Student course evaluation: 4.2 / 5.0

Learning objectives: analyze linear circuits using DC and AC calculation methods, perform electromagnetic field calculations based on simple geometries, and use computer-based tools to analyze simpler electrical circuits.

Course development included refining electromagnetic field module to better integrate with the circuits modules and adapting the course for digital instruction and examination during the COVID-19 pandemic.

Northwestern University – RSG Research Communication Program 2018
Graduate Assistant

Assisted running an 8-week workshop series for post docs and graduate students designed to enhance communication skills across disciplines and backgrounds. Mentored 32 students in oral presentation and video direction and editing. [Website](#).

Notre Dame University – PHIL 20632/STV 20233 – Robot Ethics 2016 – 2018
Guest Lecturer

Along with Max Shepherd, gave guest lectures titled “ProstEthics” for Prof. Don Howard’s Robot Ethics course focused on historical and current research of prosthetic limbs, and ethical considerations related to prosthetic design and transhumanism.

Nettelhorst Elementary – Get-a-Grip Program 2017
Student Mentor

Through Northwestern’s Science Club, mentored 30 elementary school students in the fundamentals of engineering design, construction, and analysis, and guided them as they developed a prosthetic device made from household items. [Website](#).

Northwestern University McCormick Graduate Leadership Council*2013 – 2017*

Workshop Coordinator and Instructor

Coordinated workshops to teach introductory through advanced MATLAB and SolidWorks skills, and additional workshops on other transferable skills, for over 600 Northwestern graduate students. [Website](#).

Northwestern University – BME 307 – Quantitative Experimentation and Design *2015*

Teaching Assistant

Mentored 50 biomedical engineering undergraduate students as they learned to answer questions using experimental means, and to quantify their results using statistical analysis.

LEADERSHIP**Workforce for Inclusive Science***2021 - 2023*

Organizing Committee

Facilitating meetings and seminars aimed at promoting and fostering equity and inclusion in academia. [Website](#).

National Communicating Science Conference*2017 – present*

Organizing Committee, Leadership Team, Advisory Committee

Treasurer and advisory committee member, responsible for developing fiscal procedures and managing \$300,000 in total donated funds for 30 flagship and local conferences attended by up to 1,500 graduate students. [Website](#).

International Conference on Phantom Limb Pain*2021*

Organizing Committee

Planned, oversaw, and executed social media plan before and during the event. Moderated discussion panel during final day of the conference. [Website](#).

Chicago Communicating Science Conference*2015 – 2017*

Treasurer, Lead Organizer

Organizer and treasurer for 2016 conference, lead organizer for 2017 conference. Tracked and budgeted \$24,000 in total donated funds, secured conference locations, invited keynote speakers, and oversaw conferences for 100 total attendees. [Website](#).

Northwestern University Biomedical Engineering Graduate Students Group *2013 – 2017*

Co-President, Department Representative.

Oversaw academic and social events, managed \$3,500 annual budget, represented department in Graduate Leadership & Advocacy Council, and facilitated pop talks (short research summaries using jargon-free language) for annual research day. [BMEGS Website](#). [GLAC Website](#).

Colorado School of Mines Robotics Club*2008 – 2011*

Treasurer, Mentor

Developed and managed \$26,000 annual budget. Mentored high school robotics team for three iterations of FIRST® Robotics Competition. Co-initiated project to design, build and program self-balancing wheelchair. [Website](#).

PUBLIC OUTREACH & EDUCATION

Public Talks & Demos

2015 – present

- ♦ “Challenges and Opportunities of Cutting Edge Bionic Prostheses,” Rocky Mountain American Society of Biomechanics Meeting, April 2024.
- ♦ “New Faculty Member in Department of Orthopedics Brings Expertise in Prosthetic Limb Technology,” CU Anschutz School of Medicine, July 2023. [Article](#).
- ♦ “Robothanden” documentary, Scandinavian Content Group, Sveriges Television (SVT), 2023. [Film](#).
- ♦ Mack Clayton Invited lecture, Department of Orthopedics, University of Colorado Anschutz Medical Campus, June 2023.
- ♦ Sahlgrenska Universitetssjukhusets innovation- och teknikutbildning för läkare, 2022.
- ♦ Center for Bionics and Pain Research Annual Symposium, 2021-2022.
- ♦ PhD Thesis defense, 2019. [YouTube](#).
- ♦ “Wunderbar Together Science Slam,” Daley Plaza, Chicago, IL, 2019. [Event photos](#).
- ♦ “Neural Engineering: Designing Bionic Limbs Controlled by the Brain,” College of DuPage STEMinar Series, 2018. [YouTube](#).
- ♦ Chicago Science Festival, Illinois Science Council, 2016 – 2019.
- ♦ Museum of Science and Industry Robotics Week, 2016 – 2019.
- ♦ “How Do I Talk to my Robo-Limb?,” RSG Science Communicating Workshop, 2016. [YouTube](#).
- ♦ IEEE Engineer’s Week, 2016.
- ♦ “Adler After Dark,” Adler Planetarium, 2015 – 2018.
- ♦ Camp Neuro Chicago, 2015.

SciShow YouTube Channel

2018 – 2020

Freelance Script Writer

Wrote easy-to-understand science video scripts for SciShow, a YouTube channel with 7-million subscribers. Topics included osseointegrated prosthetic limbs, effects of body posture, and fetal motor development, totaling 7 videos with over 1.2 million combined views. [Links](#).

Sci-Inspiration YouTube Channel

2017 – 2018

Video Creator

Scripted, recorded, directed, and animated videos exploring scientific topics through popular media including movies, television, and video games. [Links](#).

Other Science Videos

2016 – 2020

- ♦ “Neuromusculoskeletal Arm Prostheses,” *CBPR*, 2020. [YouTube](#).
- ♦ “STEM Connect Careers: Eric Earley,” *Discovery Education*, 2017. [Website](#).
- ♦ “Prosthetic Limbs and Motor Adaptation,” *Ready Set Go (RSG)*, 2016. [YouTube](#).

Science Writing

2017

- ♦ The Cybathlon: The Olympics of Restoring Daily Tasks, *HELIX Magazine*, 2017. [Link](#).

ACADEMIC & TECHNICAL SKILLS

- ♦ Prosthetic sensory feedback, sensory integration, psychophysics
- ♦ Pattern recognition, classification, and machine learning algorithms
- ♦ Human motor control, motor learning and adaptation
- ♦ Neuromusculoskeletal anatomy, osseointegration, implantable sensors
- ♦ Statistical analysis, hypothesis testing, power analysis, linear and nonlinear mixed effects modeling
- ♦ Prosthetic arm standardized tests: ACMC, BBT, MMDT, MT, PLT, RCRT, SHAP, TAC, VET
- ♦ MATLAB, Simulink, C, LabVIEW
- ♦ SolidWorks, FEA
- ♦ Organization, scheduling, project management, Kanban, scrum
- ♦ Adobe Illustrator, Photoshop, Premiere; Affinity Designer, Photo
- ♦ HTML5, CSS
- ♦ Native English; limited working proficiency Swedish