



AMERICAN FULBRIGHT GRANTEES IN FINLAND

**Academic Year
2015-2016**

the **Fulbright**Center

Hakaniemenranta 6
00530 Helsinki
Tel: +358 44 5535 286
office@fulbright.fi
www.fulbright.fi/

THE FULBRIGHT CENTER

The Fulbright Center (the binational Fulbright Commission in Helsinki, Finland) is a service organization that specializes in cultural exchange between Finland and North America. The Center administers grant programs and provides advising, training and information services for students, researchers and working professionals. The ASLA-Fulbright program was established in 1949, and the year 2015 marks the 65th anniversary of the first Finnish grantees going to the U.S.

The Fulbright Center is an independent, private, not-for-profit organization funded by the Finnish, U.S. and Canadian governments, the Finland-America Educational Trust Fund founded by the U.S. and Finnish governments, and increasingly by private Finnish foundations and Finnish higher education institutions. 80 % of the Fulbright Center funding comes from Finland.

The Fulbright Center Board of Directors consists of eight members appointed by the Finnish Ministry of Education and the U.S. Embassy in Finland. The U.S. Ambassador to Finland serves as the Honorary Chair of the Board. The Fulbright Center has a staff of seven.

The Fulbright Center awards grants to over 80 Finnish and American students, academics, and professionals annually. This year, approximately 45 Americans participate in the Finnish-American Fulbright program. 37 of these Americans, featured in this catalog, have received a Fulbright grant to lecture, conduct research, study, or teach in Finland. In addition, close to ten U.S. scholars are expected to arrive on a short-term Fulbright grant (Specialist Program or Inter-Country Grant).

Please contact the Fulbright Center should you wish to contact a Fulbright grantee or invite a grantee to lecture at your university.

Fulbright Center, Hakaniemenranta 6, 00530 Helsinki
+358 44 5535 286, office@fulbright.fi, www.fulbright.fi

Grantee	Academic Discipline	Page
Fulbright Distinguished Chairs Program		
<i>Fulbright Bicentennial Chair in American Studies</i> Dr. Lane Crothers	Political Science	5
<i>Fulbright-Aalto University Distinguished Chair</i> Dr. Jeffrey M. Keisler	Operations Research	7
<i>Fulbright-Nokia Distinguished Chair in Information and Communications Technologies</i> Dr. Bhaskar D. Rao	Electrical Engineering	9
<i>Fulbright-Nokia Distinguished Chair in Information and Communications Technologies</i> Dr. Dario Salvucci	Computer Science	11
<i>Fulbright-Aalto University Distinguished Chair</i> Dr. Junyong Zhu	Bio-Chemical Engineering	12
Core Fulbright Scholar Program		
<i>Fulbright-VTT Grant in Science, Technology and Innovation</i> Dr. Foster A. Agblevor	Chemical Engineering	13
<i>Fulbright-Saastamoinen Foundation Grant in Health and Environmental Sciences</i> Dr. Elizabeth R. Bertone-Johnson	Epidemiology and Nutrition	15
Dr. Keith C. DeRuisseau	Exercise Physiology	17
Dr. Lara R. DeRuisseau	Physiology	18
<i>Fulbright-Tampere University of Technology Scholar Award</i> Dr. Christopher Harris	Computer Science	19
<i>Fulbright-VTT Grant in Science, Technology and Innovation</i> Dr. Karen S. Henry	Civil Engineering	20
Dr. Bri-Mathias Hodge	Electrical Engineering	22
Dr. Yue Li	Civil Engineering	23
Dr. David C. Major	Economics	24
<i>Fulbright-University of Tampere Scholar Award</i> Dr. Rebecca Martusewicz	Education	26
<i>Fulbright-VTT Grant in Science, Technology and Innovation</i> Dr. Anton K. Schindler	Civil Engineering	28
Dr. Edward D. Sivak	Medicine	30
<i>Fulbright-University of Tampere Scholar Award</i> Dr. Melissa Wallace	Translation and Interpreting Studies	32
<i>Fulbright-University of Turku Scholar Award</i> Dr. Elizabeth Whitney	Performance Studies and Communication	34
Dr. William Doyle	Business	36
Fulbright Distinguished Awards in Teaching		
Ms. Ann Brandt	Special education	37
Ms. Erin Dowding	ESL/EFL	38
Ms. Meghan Hanson-Peters	Social Studies	39
Ms. Anna Marquardt	English	40

Ms. Elizabeth Radday	Mathematics and Special Education	41
Mr. David A. Tow	English Language and Literature, Social Science and Journalism	42
Mr. Patrick Walsh	History	43
Fulbright-Schuman Program		
Ms. Carrie Weintraub	International Relations, European Union	44
U.S. Student Program		
Mr. Simon Barrad	Music	45
<i>Fulbright-Lappeenranta University of Technology Graduate Award</i>		
Mr. Stephen Horvath	Energy Technology	46
Ms. Stephanie Anne Jazmines	Architecture	47
<i>Fulbright-University of Turku Graduate Award</i>		
Ms. Heidi Katz	Elementary Education and English	48
<i>Fulbright-CIMO Grant</i>		
Mr. Hyeong-Jin Edward Kim	Biology	49
Mr. Sol Kim	Geography	50
Ms. Kathryn E. Lafond	Epidemiology	51
Mr. Eric Wong	Economics	53

Inter-Country Travel Grants

Updated grantee list can be found on the Fulbright website:
www.fulbright.fi/en/fulbright-center/fulbright-center-grantees

Fulbright Specialist Program

Updated grantee list can be found on the Fulbright website:
www.fulbright.fi/en/fulbright-center/fulbright-center-grantees

Lane Crothers

POLITICAL SCIENCE

Fulbright Bicentennial Chair in American Studies
Fulbright Distinguished Chairs Program

SPECIALIZATION:

American Political Culture

ACADEMIC TRAINING:

- PhD, 1992, Vanderbilt University
- BA, 1986, English and History, Appalachian State University

PROFESSIONAL BACKGROUND:

- Professor, Politics and Government, 2004-
- Associate professor, Politics and Government, 2000-04
- Assistant professor, Politics and Government, 1994-2000
- Visiting professor, two universities, 1990-94

SELECTED PUBLICATIONS:

Books:

- *Globalization and American Popular Culture*, 3rd ed. Rowman and Littlefield, 2013
 - --2nd Ed. (2010)
 - --1st Ed. (2007)
- *Rage on the Right: The American Militia Movement from Ruby Ridge to Homeland Security*, Rowman and Littlefield, 2003
- *Presidents from Reagan through Clinton, 1981-2001: Debating the Issues in Pro and Con Primary Documents*, with Nancy Lind. Greenwood Press, 2002
- *Culture and Politics: A Reader*, edited with Charles Lockhart. St. Martin's, 2000
- *Street Level Leadership: Discretion and Legitimacy in Frontline Public Service*, with Janet Vinzant. Georgetown University Press, 1998

Other publications:

- "From the United States to the Federation of Planets: *Star Trek* and the Globalization of American Culture," in *Gene Roddenberry's Star Trek: The Original Cast Adventures*, edited by Douglas Brode and Shea T. Brode, (Lanham, MD: Rowman and Littlefield, 2014)
- "Cultural Imperialism," in *The SAGE Handbook of Globalization*, Paul A. Battersby, ed. Sage, 2014
- "'Get Off My Plane!': Presidents and the Movies," in *White House Studies* (2011), 10:3.
- "The Cultural Foundations of Isolationism and Internationalism in American Foreign Policy," in *The Journal of Transatlantic Studies*, 9:1 (March 2011).
- "Globalization and the Representation of Gender in American Popular Culture," in the *International Journal of Diversity in Organisations, Communities and Nations* 5, 2005/2006.
- "Building Social Capital on the Street: Leadership in Communities." In *Robert Putnam: Critical Perspectives on American Democracy and Social Engagement*, edited by Manfred Steger, David Schultz, and Scott McLean. New York: NYU Press, 2002.
- "The American Global Cultural Brand," Chapter 4 in *Globalization and American Popular Culture*, 3rd ed. Reprinted in Manfred B. Steger, ed., *The Global Studies Reader*, Oxford University Press, 2014
- "The Global Scope of American Movies, Music, and Television," Chapter 3 in *Globalization and American Popular Culture*, 2nd ed. Reprinted in Manfred B. Steger, ed., *Globalization and Culture*, Edward Elgar Publishing, 2012
- "Amerikas Kulturhegemonie: An der Spritze der Charts," in *The European*, www.theeuropean.de/lane-crothers/7768-die-kulturhegemonie-usa
- "The Power of American Popular Culture: Culture War or Global Community?" *Kadir Has University (Istanbul) Culture and Arts Lecture Series, Selected Talks 2006-2008*. Kadir Has University, 2008.

FELLOWSHIPS, HONORS, ETC.:

- Fulbright Bicentennial Distinguished Chair in American Studies, University of Helsinki, Helsinki, Finland, 2015-2016
- Arts and Sciences Distinguished Lecture, Illinois State University, Spring 2011
- Eccles Centre Visiting Professor in North American Studies at the British Library, London, UK, Sept. 2007 – Feb. 2008



HOME INSTITUTION AND DEPARTMENT IN THE UNITED STATES:

Department of Politics and Government
Illinois State University

HOST INSTITUTION AND DEPARTMENT IN FINLAND:

Department of World Cultures
University of Helsinki

HOST PERSON AND/OR CONTACT AT THE DEPARTMENT IN FINLAND:

Rani-Henrik Andersson

GRANT PERIOD:

August 2015 – June 2016

Jeffrey M. Keisler

OPERATIONS RESEARCH

Fulbright-Aalto University Distinguished Chair

Fulbright Distinguished Chairs Program

SPECIALIZATION:

Decision Analysis

FULBRIGHT PROJECT TITLE:

Decision Analysis Methods for Technology Portfolio Funding

ACADEMIC TRAINING:

- M.B.A., Business Economics, 1996, Chicago
- Ph.D., Decision Sciences, 1992, Harvard
- S.M., Engineering Science, 1988, Harvard
- B.S., Mathematics and Computer Science, 1985, Wisconsin

PROFESSIONAL BACKGROUND:

- Lecturer/Assistant Professor/Associate/Professor/Full Professor, University of Massachusetts Boston, 2000-Present
- Consultant, Strategic Decisions Group, 1997-1999
- Assistant Engineer, Argonne National Laboratory, 1993-1997

SELECTED PUBLICATIONS:

- Johnson, M., J. Keisler, S. Solak, D. Turcotte, A. Bayram, R. Drew. Decision Science for Housing and Community Development. Wiley Series in Operations Research and Management Science. Wiley, New York, June 2015.
- Salo, A., J. Keisler and A. Morton (eds.) Portfolio Decision Analysis - Improved Methods for Resource Allocation. Springer International Series in Operations Research and Management Science, Vol. 162. Springer, New York, August 2011.
- Keisler, H., J. Keisler. Observing, reporting, and deciding in networks of sentences. *Annals of Pure and Applied Logic*. 165(3):812-836, March 2014. (IF 0.504)
- Keisler, J., E. Chu, Z. Collier, N. Sinatra, I. Linkov. Value of information analysis: The state of application. *Environment Systems & Decisions* 34(1):3-23, March 2014.
- Keisler, J., P. Noonan, Communicating analytic results: A tutorial for decision consultants. *Decision Analysis* 9(3):274-292. September 2012.
- Linkov, I., M. Bates, L. Canis, T. Seager, J. Keisler. EHS research strategy for nanomaterials: A decision directed approach. *Nature Nanotechnology* 6(12): 784-787. December 2011.
- Huang, I., J. Keisler, I. Linkov, Multi-criteria decision analysis in environmental sciences: Ten years of applications and trends. *Science of the Total Environment* 409(19):3578-3594. September 2011.
- Baker, E., J. Keisler, Cellulosic biofuels: Expert views on prospects for advancement. *Energy* 36(1): 595-605, January 2011.
- Karvetski, C., J. Lambert, I. Linkov, J. Keisler, Incremental reevaluation of multiple criteria for future scenarios: Application to coastal engineering and climate change. *IEEE Transactions on Systems, Man and Cybernetics Part A* 41(1): 63-73, January 2011.
- Baker, E., H. Chon, J. Keisler, Battery technology for electric and hybrid vehicles: Expert views on prospects for advancement. *Technological Forecasting and Social Change* 77(7):1139-1146, September 2010.
- Baker, E., H. Chon, J. Keisler, Carbon capture and storage: Combining economic analysis with expert elicitations to inform climate policy. *Climatic Change* 96(3):379-408. Oct. 2009.
- Baker, E., H. Chon, J. Keisler, Advanced solar R&D: Applying expert elicitations to inform climate policy. *Energy Economics* 31(Supplement 1):S37-S49, 2009.
- Keisler, J., The value of assessing weights in multi-criteria portfolio decision analysis. *Journal of Multi-Criteria Decision Analysis* 15(5-6):111-123, September-December 2008.
- Keisler, J., Additivity of information value in two-act linear loss decisions with normal priors. *Risk Analysis* 25(2):351-360, April 2005.
- Keisler, J., Technical note: Comparative static analysis of information value in a canonical decision problem. *The Engineering Economist* 49(4):339-349, October-December 2004.
- Keisler, J., Value of information in portfolio decision analysis, *Decision Analysis* 1(3):177-189, September 2004.



FELLOWSHIPS, HONORS, ETC.:

- Decision Analysis Society, Publication Award, 2013
- President, INFORMS Decision Analysis Society, 2012-2014
- Fellow, Society of Decision Professionals, 2012
- President, Society for Risk Analysis, Decision Analysis and Risk Specialty Group, 2011-2012

HOME INSTITUTION AND DEPARTMENT IN THE UNITED STATES:

University of Massachusetts Boston, Management Science and Information Systems Department, College of Management.

HOST INSTITUTION AND DEPARTMENT IN FINLAND:

Aalto University, Mathematics and Systems Analysis Department

HOST PERSON AND/OR CONTACT AT THE DEPARTMENT IN FINLAND:

Ahti Salo

GRANT PERIOD:

January – May 2016

Bhaskar D. Rao

ELECTRICAL ENGINEERING

Fulbright-Nokia Distinguished Chair in Information and Communications Technologies

Fulbright Distinguished Chairs Program

SPECIALIZATION:

Signal Processing

FULBRIGHT PROJECT TITLE:

Statistical Methods for the Sparse Signal Recovery Problem and its Applications

ACADEMIC TRAINING:

- Ph.D Electrical Engineering, University of Southern California, Los Angeles (August 1983)
- M.S Computer Engineering, University of Southern California, Los Angeles, (1981)
- B.Tech Electronics and Electrical Communication Engineering, I.I.T. Kharagpur, India (1979)

PROFESSIONAL BACKGROUND:

Professor, Department of Electrical and Computer Engineering, University of California, San Diego. (1995-present)

SELECTED PUBLICATIONS:

- Y. Jin and B. D. Rao, "Support Recovery of Sparse Signals in the Presence of Multiple Measurement Vectors" IEEE Transactions on Information Theory, Volume: 59 , Issue: 5, Page(s): 3139 - 3157, May 2013
- Z. Zhang and B. D. Rao, "Sparse Signal Recovery with Temporally Correlated Source Vectors Using Sparse Bayesian Learning," IEEE Journal of Selected Topics in Signal Processing, Special Issue on Adaptive Sparse Representation of Data and Applications in Signal and Image Processing, vol.5, no. 5, pp. 912-926, Sept. 2011
- D. P. Wipf, B. D. Rao and S. Nagarajan, "Latent Variable Bayesian Models for Promoting Sparsity," IEEE Transactions on Information Theory, pages, 6236-6255, Sept. 2011
- S. F. Cotter, B. D. Rao, K. Engan, and K. Kreutz-Delgado, "Sparse Solutions to Linear Inverse Problems with Multiple Measurement Vectors," IEEE Trans. on Signal Processing, July 2005.
- I. F. Gorodnitsky and B. D. Rao, Sparse Signal Reconstruction from Limited Data Using FOCUSS: A Re-Weighted Norm Minimization Algorithm, IEEE Trans. On Signal Processing, Mar-1997, Wireless Communications
- Y. Huang and B. D. Rao, "Random Beamforming with Heterogeneous Users and Selective Feedback: Individual Sum Rate and Individual Scaling Laws ", IEEE Transactions on Wireless Communications, Volume 12, Issue 5, Pages 2080-2090, May 2013.
- Y. Huang and Bhaskar D. Rao, "An Analytical Framework for Heterogeneous Partial Feedback Design in Heterogeneous Multicell OFDMA Networks," IEEE Transactions on Signal Processing, vol. 61, no. 3, pp. 753 - 769, February 1, 2013
- Y. Isukapalli and B. D. Rao, "Packet Error Probability of a Transmit Beamforming System with Imperfect Feedback," IEEE Transactions on Signal Processing, April 2010.
- J. Zheng, E. Duni, and B. D. Rao, "Analysis of multiple antenna systems with low-rate feedback using high resolution quantization theory", IEEE Trans. on Signal Processing, April 2007.
- J. C. Roh and B. D. Rao, "Transmit Beamforming in Multiple-Antenna Systems with Finite Rate Feedback: A VQ-Based Approach," IEEE Trans. Information Theory. vol. 52, no. 3, pp. 1101-1112, Mar. 2006. Speech and Audio-Visual Processing
- A. Masnadi-Shirazi and Bhaskar D. Rao, "An ICA-SCT-PHD Filter Approach for Tracking and Separation of Unknown Time-Varying Number of Sources," IEEE Transactions on Audio, Speech and Language Processing, Volume: 21, Issue: 4, Page(s): 828 - 841, April 2013
- W. Zhang and B.D. Rao, "A Two Microphone-Based Approach for Source Localization of Multiple Speech Sources," IEEE Transactions on Audio, Speech and Language Processing, Vol. 18, No. 8 (November 2010), pp. 1913-1928.
- S. Shivappa, M. M. Trivedi, and B. D. Rao, "Audio-visual Information Fusion In Human Computer Interfaces and Intelligent Environments: A Survey," Proceedings of the IEEE, October 2010.
- S. Dharanipragada, U. H. Yapanel, and B. D. Rao, "Robust Feature Extraction for Continuous Speech Recognition using the MVDR Spectrum Estimation Method", IEEE Trans. on Speech, Audio and Language Processing, pages 224-234, Jan. 2007.



- A. D. Subramaniam, B. D. Rao, and W. R. Gardner, "Low-Complexity Source Coding using Gaussian Mixture Models, Lattice Vector Quantization and Recursive Coding with Application to Speech Spectrum Quantization," IEEE Trans. on Speech and Audio Processing, 2006
- B.D. Rao and K.S. Arun, "Model based processing of signals: a state space approach," Proceedings of the IEEE, Vol. 80, No. 2 (February 1992), pp. 283-309.
- B.D. Rao and K.V.S. Hari, "Performance analysis of root-music," IEEE Transactions on Acoustics, Speech, and Signal Processing (ASSP), Vol. 37, No. 12 (December 1989), pp. 1939-1949.

FELLOWSHIPS, HONORS, ETC.:

- Director, Center for Wireless Communications, 2008-2011
- Ericsson endowed chair in wireless access networks since May 2008.
- IEEE Signal Processing Society Distinguished Lecturer for the term 1 January 2014 through 31 December 2015.
- IEEE Fellow, 2000, for the statistical analysis of subspace algorithms for harmonic retrieval.
- 2012 Signal Processing Society (SPS) Best Paper Award for the paper An Empirical Bayesian Strategy for Solving the Simultaneous Sparse Approximation Problem, by David P. Wipf and Bhaskar D. Rao published in IEEE Transaction on Signal Processing, Volume: 55, No. 7, July 2007
- 2008 Stephen O. Rice Prize Paper Award in the Field of Communication Systems for the paper Network Duality for Multiuser MIMO Beamforming Networks and Applications, by B. Song, R. L. Cruz and B. D. Rao that appeared in the IEEE Transactions on Communications, Vol. 55, No. 3, March 2007, pp. 618 630. (<http://www.comsoc.org/awards/rice.html>)
- Best paper award at the Fall 2013, IEEE Vehicular Technology Conference for the paper Multicell Random Beamforming with CDF-based Scheduling: Exact Rate and Scaling Laws, by Yichao Huang and Bhaskar D Rao.

HOME INSTITUTION AND DEPARTMENT IN THE UNITED STATES:

Electrical and Computer Engineering, University of California, 9500 Gilman Drive, La Jolla, CA 92093, USA

HOST INSTITUTION AND DEPARTMENT IN FINLAND:

Tampere International Center for Signal Processing (TICSP) at Tampere University of Technology

HOST PERSON AND/OR CONTACT AT THE DEPARTMENT IN FINLAND:

Prof. Jaakko Astola, Director of TICSP

GRANT PERIOD:

January 2016 – June 2016

Dario D. Salvucci

COMPUTER SCIENCE

Fulbright-Nokia Distinguished Chair in Information and Communications Technologies

Fulbright Distinguished Chairs Program

SPECIALIZATION:

Cognitive Science, Human-Computer Interaction

FULBRIGHT PROJECT TITLE:

Predicting Driver Distraction with Cognitive Architectures



ACADEMIC TRAINING:

- Ph.D. Computer Science, May 1999, Carnegie Mellon University, Pittsburgh, PA
- M.S. Computer Science, May 1997, Carnegie Mellon University, Pittsburgh, PA
- B.S.E Computer Science, June 1994, Princeton University, Princeton, PA

PROFESSIONAL BACKGROUND:

- Drexel University, Philadelphia, PA
 - Department Head of Computer Science, 2015-present
 - Associate Dean of Undergraduate Studies, 2013-2015
 - Professor of Computer Science, 2012-present
 - Courtesy appointment in Psychology, 2009-present
 - Associate Professor of Computer Science, 2007-2012
 - Assistant Professor of Computer Science, 2001-2007
- Nissan Cambridge Basic Research, Cambridge, MA; Postdoctoral Research Associate, 1999–2001

SELECTED PUBLICATIONS:

- Salvucci, D. D., & Taatgen, N. A. (2011). *The Multitasking Mind*. New York: Oxford University Press.
- Salvucci, D. D. (2013). Integration and reuse in cognitive skill acquisition. *Cognitive Science*, 37, 829-860.
- Salvucci, D. D. (2009). Rapid prototyping and evaluation of in-vehicle interfaces. *ACM Transactions on Human-Computer Interaction*.
- Salvucci, D. D., & Taatgen, N. A. (2008). Threaded cognition: An integrated theory of concurrent multitasking. *Psychological Review*, 115, 101-130.
- Salvucci, D. D. (2006). Modeling driver behavior in a cognitive architecture. *Human Factors*, 48, 362-380.
- Salvucci, D. D., & Anderson, J. R. (2001). Automated eye-movement protocol analysis. *Human-Computer Interaction*, 16, 39-86.
- Salvucci, D. D. (2001). Predicting the effects of in-car interface use on driver performance: An integrated model approach. *International Journal of Human-Computer Studies*, 55, 85-107.

FELLOWSHIPS, HONORS, ETC.:

- Outstanding Teaching Award, Drexel University College of Engineering, 2008
- Best of CHI Award or Honorable Mention, ACM CHI Conference, 2007, 2009, 2013
- National Science Foundation CAREER Award, 2002-2007
- Fred Burggraf Award for excellence by a young researcher, Transportation Research Board, 2002
- Siegel-Wolf Award for Best Applied Paper, International Conference on Cognitive Modeling, 2001
- National Science Foundation Graduate Research Fellowship, 1994-1997
- George A. Miller Prize for best Cognitive Science independent study, Princeton University, 1994
- Junior and Senior Prize for highest achievement in Computer Science, Princeton University, 1993-1994

HOME INSTITUTION AND DEPARTMENT IN THE UNITED STATES:

Drexel University, Department of Computer Science

HOST INSTITUTION AND DEPARTMENT IN FINLAND:

University of Jyväskylä, Faculty of Information Technology

HOST PERSON AND/OR CONTACT AT THE DEPARTMENT IN FINLAND:

Tuomo Kujala

GRANT PERIOD:

August 2015 – December 2015

Junyong Zhu

BIO-CHEMICAL ENGINEERING

Fulbright-Aalto University Distinguished Chair

Fulbright Distinguished Chairs Program



SPECIALIZATION:

Wood (woody biomass) and Fiber Utilization for Bioenergy/Biofuel and Cellulose Nanomaterials

FULBRIGHT PROJECT TITLE:

High Solids Enzymatic Processing of Forest Biomass for Producing Biofuel and Cellulose Nanomaterials

ACADEMIC TRAINING:

- Ph.D in Engineering, 1991, University of California, Irvine, California, USA
- B.Sc. in Thermal Power Engineering, 1983, BeiHang University, Beijing, China

PROFESSIONAL BACKGROUND:

- 1993 - 2003, Assistant and Associate Professor, Institute of Paper Science and Technology, Atlanta, GA
- 2003 - Present, Research General Engineer, USDA Forest Service, Forest Products Lab., Madison, WI

SELECTED PUBLICATIONS:

- **Zhu, J.Y.**, Chandra, M.S., Gu, F., Gleisner, R., Reiner, R., Sessions, J., Marrs, G., Gao, J., Anderson, D., (2015) "Using Sulfite Chemistry for Robust Bioconversion of Douglas-fir Forest Residue to High Titer Bioethanol and Lignosulfonate: A Pilot-Scale Demonstration", *Bioresour. Technol.* **179**:390-397 DOI: [10.1016/j.biortech.2014.12.052](https://doi.org/10.1016/j.biortech.2014.12.052)
- Wang, Q.Q., **Zhu, J.Y.**, Considine, J.M., (2013) "Strong and Optically Transparent Film Prepared Using Cellulosic Solid Residue (CSR) Recovered from Cellulose Nanocrystals (CNC) Production Waste Stream" *ACS Appl. Mater. Interfaces* **5**(7):2527-2534 DOI:[10.1021/am302967m](https://doi.org/10.1021/am302967m)
- Lou, H., **Zhu, J.Y.**, Lan, T.Q., Lai, H., and Qiu, X., (2013) "pH-Induced Lignin Surface Modification to Reduce Nonspecific Cellulase Binding and Enhance Enzymatic Saccharification of Lignocelluloses", *ChemSusChem* **6**(5):919-927 DOI: [10.1002/cssc.201200859](https://doi.org/10.1002/cssc.201200859)
- Wang, Q.Q., **Zhu, J.Y.**, Hunt, C.G., Zhan, H.Y. (2012) "Kinetics of Adsorption, Desorption, and Re-adsorption of a Commercial Endoglucanase in Lignocellulosic Suspensions", *Biotechnol. Bioeng.* **109**(8):1965-1975
- **Zhu, J.Y.**, Sabo, R., Luo, X.L., (2011), "Integrated Production of Nano-fibrillated Cellulose and Biofuel (Ethanol) by Enzymatic Fractionation of Wood Fibers", *Green Chem.* **13**(5):1339-1344

FELLOWSHIPS, HONORS, ETC.:

- TAPPI International Research and Development Technical Award and William H. Aiken Prize, 2014, Technical Association of the Pulp and Paper Industry (TAPPI)
- US Forest Service Deputy Chief for R&D's Distinguished Science Award, 2013
- USDA Exemplary R&D in Agriculture, Food, Nutrition, and Natural Resources, 2011
- Editorial Boards: TAPPI J., BioEnergy Research, China Pulp and Paper, Frontiers in Energy Research
- Vice Chair of the Forest Bio-products Division, American Institute of Chemical Engineers (AIChE)
- Fellow: International Academy of Wood Science (IAWS)
- Fellow: Technical Association of the Pulp and Paper Industry (TAPPI)

HOME INSTITUTION AND DEPARTMENT IN THE UNITED STATES:

USDA Forest Service, Forest Products Lab, Madison, WIUSA

HOST INSTITUTION AND DEPARTMENT IN FINLAND:

Dept. of Forest Products Technology, School of Chemical Technology, Aalto University

HOST PERSON AND/OR CONTACT AT THE DEPARTMENT IN FINLAND:

Professor Herbert Sixta
Dept. of Forest Products Technology
Aalto University

GRANT PERIOD:

January 2016 – July 2016

Foster A. Agblevor

CHEMICAL ENGINEERING

Fulbright-VTT Grant in Science, Technology and Innovation
Core Fulbright Scholar Program

SPECIALIZATION:

Biomass Energy

FULBRIGHT PROJECT TITLE:

Catalytic Fast Pyrolysis and Hot Gas Filtration of Pyrolysis Vapours of Lignocellulosic Biomass

ACADEMIC TRAINING:

- PhD, 1988, University of Toronto, Toronto, Canada

PROFESSIONAL BACKGROUND:

- 2011-present—Utah Science Technology and Research (USTAR) Endowed Professor, Department of Biological Engineering, Utah State University, Logan, UT
- 2011-present—Adjunct Professor, Department of Biological Systems Engineering, Virginia Tech, Blacksburg, VA
- 2012-present—Director, USTAR Bioenergy Center, Utah State University, Logan, UT.
- 2010-2011--Professor, Department of Biological Systems Engineering, Virginia Tech, Blacksburg, VA.
- 1996-2009--Associate Professor, Department of Biological Systems Engineering, Virginia Tech., Blacksburg, VA.
- 1993-1996--Senior Chemical Engineer, Center for Renewable Chemicals and Materials, National Renewable Energy Laboratory, Golden, Colorado.
- 1991-1993--Staff Chemical Engineer, Center for Renewable Chemicals and Materials, National Renewable Energy Laboratory, Golden, Colorado.
- 1990-1991--Postdoctoral fellow; Center for Renewable Chemicals and Materials, National Renewable Energy Laboratory, Golden, Colorado.
- 1988-1989--Postdoctoral fellow, Hawaii Natural Energy Institute, University of Hawaii, Honolulu, HI.

SELECTED PUBLICATIONS:

- Mante, O.D., Agblevor, F. A. 2014. Catalytic pyrolysis for the production of refinery- ready biocrude oils from six different biomass sources. *Green Chem.*, 16, 3364-3377.
- Agblevor, F., Beis S., Mante, O., Abdoulmoumine, N. 2010. Fractional catalytic pyrolysis of hybrid poplar wood. *Ind. Eng. Chem. Res.*, 49, 3533-3538.
- Agblevor F, Mante O, Abdoulmoumine, McClung, R. 2010. Production of stable pyrolysis oils using fractional catalytic pyrolysis. *Energy Fuels*, 24, 4087-4089.
- FA Agblevor, Mante O., McClung, R., Oyama, S.T. 2012. Co-processing of standard gas oil and biocrude oil to hydrocarbon fuel. *Biomass Bioenergy*, 45, 130-137.
- Mante, O.D., Agblevor, F.A. 2012. Storage stability of biocrude oils from fast pyrolysis of poultry litter. *Waste Management*, 32 (1), 67-76.
- Yathavan, B.K., Agblevor, F.A. 2013. Catalytic pyrolysis of pinyon-juniper using red mud and HZSM-5. *Energy Fuels*, 27, 6858-6865.
- Paasikallio, V., Agblevor, F.A., Oasmaa, A., Lehto, J., Lehtonen, J. 2013. Catalytic pyrolysis of forest thinning with ZSM-5 catalysts: effect of reaction temperature on bio- oil physical properties and chemical composition. *Energy Fuels*, 27, 7587-7601.
- Shen J, Agblevor, FA. 2011. Ethanol production of semi-simultaneous saccharification and fermentation from mixture of cotton gin waste and recycled paper sludge, *Bioprocess Systems Engineering*, 34, 33-43.
- Zhao, B., Agblevor, F.A., Jelesko, J. 2014. Enhanced production of hairy root metabolites using microbubble generator. *Plant Cell Tissue Organ Culture*, 117,157-165; DOI 10.1007/s11240-014-0428-1
- Mante, O.D. FA Agblevor, ST Oyama, R. McClung. 2012. The influence of recycling non-condensable gases in the fractional catalytic pyrolysis of biomass. *Bioresource Technol.*, 111, 482-490.

FELLOWSHIPS, HONORS, ETC.:

- 2014. J. William Fulbright Scholarship, VTT, Finland.
- 2008 Deans Excellence in Research Award, Virginia Tech, College of Engineering
- 2008 Excellence in Basic Research, Virginia Tech, College of Agriculture and Life Sciences
- 1995 Best Presenter of the Year's Award, National Renewable Energy Laboratory.
- 1993 Best Paper Award, Gordon Conference on Analytical Pyrolysis.



- 1991 Best Paper Award, Gordon Conference on Analytical Pyrolysis.
- 1991 US Department of Energy Special Achievement Award.

HOME INSTITUTION AND DEPARTMENT IN THE UNITED STATES:

Utah State University, Department of Biological Engineering

HOST INSTITUTION AND DEPARTMENT IN FINLAND:

VTT Technical Research Centre of Finland; Catalysis and Synfuels

HOST PERSON AND/OR CONTACT AT THE DEPARTMENT IN FINLAND:

Mr Ville Paasikallio

GRANT PERIOD:

August 2015 – December 2015

Elizabeth R. Bertone-Johnson

EPIDEMIOLOGY AND NUTRITION

Fulbright-Saastamoinen Foundation Grant in Health and Environmental Sciences

Core Fulbright Scholar Program



SPECIALIZATION:

Women's Reproductive Health

FULBRIGHT PROJECT TITLE:

Cardiovascular Disease in Finnish Women: The Intersection of Gynecologic Conditions and Vitamin D for Predicting Long-Term Cardiovascular Health

ACADEMIC TRAINING:

- ScD, 1999, Harvard University
- SM, 1996, Harvard University
- AB, 1994, Harvard College

PROFESSIONAL BACKGROUND:

- Associate Professor, University of Massachusetts, Amherst, 2007-present
- Assistant Professor, University of Massachusetts, Amherst, 2001-2007
- Postdoctoral Fellow, Harvard School of Public Health, 2000-2001
- Research Associate, Harvard Medical School, 1999-2001

SELECTED PUBLICATIONS:

- [Bertone-Johnson ER](#), Manson JE. Early menopause and subsequent cardiovascular disease. *Menopause* 2015 Jan; 22(1):1-3.
- [Bertone-Johnson ER](#), Ronnenberg AG, Houghton SA, Nobles C, Zagarins SE, Whitcomb BW. Association of inflammation markers with menstrual symptoms and premenstrual syndrome in young women. *Human Reprod* 2014 29(9):1987-94.
- [Bertone-Johnson ER](#), Whitcomb BW, Missmer SA, Manson JE, Hankinson SE, Rich-Edwards JW. Early life emotional, physical and sexual abuse and the development of premenstrual syndrome. *J Women's Health* 2014;23(9):729-39.
- Chocano-Bedoya PO, Manson JE, Hankinson SE, Willett WC, Johnson SR, Chasan-Taber L, Ronnenberg AG, Bigelow C, [Bertone-Johnson ER](#). Intake of selected minerals and risk of premenstrual syndrome. *Am J Epidemiol* 2013;177(10):1118-1127.
- [Bertone-Johnson ER](#), Manson JE. Vitamin D for menstrual and pain-related disorders in women. *Arch Intern Med* 2012;172:367-369.
- [Bertone-Johnson ER](#), Whitcomb BW, Missmer SA, Karlson EW, Rich-Edwards JW. Inflammation and early life abuse in women. *Am J Prev Med* 2012;43(6):611-620
- [Bertone-Johnson ER](#), Powers SI, Spangler L, Larson JC, Michael YL, Millen AE, Bueche MN, Salmoirago-Blotcher E, Brunner RL, Ockene I, Ockene JK, Liu S, Manson JE. Vitamin D supplementation and depression in the Women's Health Initiative Calcium and Vitamin D Trial. *Am J Epidemiol* 2012;176:1-13.
- [Bertone-Johnson ER](#), Powers SI, Spangler L, Brunner RL, Michael YL, Larson JC, Millen AE, Bueche MN, Salmoirago-Blotcher E, Liu S, Wassertheil-Smoller S, Ockene JK, Ockene I, Manson JE. Vitamin D intake from foods and supplements and depressive symptoms in a diverse population of older women. *Am J Clin Nutr* 2011;94:1104-12.
- Chocano-Bedoya P, Manson JE, Ronnenberg A, Hankinson SE, Chasan-Taber L, Bigelow C, Johnson SR, [Bertone-Johnson ER](#). B-complex vitamins and incident premenstrual syndrome. *Am J Clin Nutr* 2011;93:1080-6.
- [Bertone-Johnson ER](#), Hankinson SE, Johnson SR, Willett WC, Manson JE. Adiposity and the development of premenstrual syndrome. *J Women's Health* 2010;19:1955-1962.
- [Bertone-Johnson ER](#), Chocano-Bedoya PO, Zagarins SE, Micka AE, Ronnenberg AG. Dietary vitamin D intake, 25-hydroxyvitamin D3 levels, and premenstrual syndrome in a college-aged population. *J Steroid Biochem Mol Biol* 2010;121:434-437.
- [Bertone-Johnson ER](#). Vitamin D and the occurrence of depression: Causal association or circumstantial evidence? *Nutr Rev* 2009;67:481-92.
- [Bertone-Johnson ER](#), Chen WY, Holick MF, Hollis BW, Colditz GA, Willett WC, Hankinson SE. Plasma 25-hydroxyvitamin D and 1,25-dihydroxyvitamin D and risk of breast cancer. *Cancer Epidemiol Biomarkers Prev* 2005;14:1991-7.
- [Bertone-Johnson ER](#), Hankinson SE, Bendich A, Johnson SR, Willett WC, Manson JE. Calcium and vitamin D intake and risk of incident premenstrual syndrome. *Arch Intern Med* 2005;165:1246-52.

FELLOWSHIPS, HONORS, ETC.:

- National Institutes of Health (R01HD078517), Principal Investigator, “Predictors of Early Menopause”, 2014-2019
- National Institutes of Health (R21HL115357), Principal Investigator; “Premenstrual Syndrome and Risk of Subsequent Hypertension”, 2012-2015
- University of Massachusetts, Principal Investigator, “Inflammation and Premenstrual Syndrome”, 2011-2012
- National Institutes of Health (K01MH076274), Principal Investigator, “Epidemiology of Premenstrual Syndrome and Premenstrual Dysphoric Disorder”, 2007-2013
- School of Public Health and Health Sciences Outstanding Teaching Award, 2007
- Lilly Teaching Fellowship, 2003-2004
- National Cancer Institute Postdoctoral Fellowship in Cancer Epidemiology, 2000-2001
- Pforzheimer Fellowship, Harvard School of Public Health
- National Institute of Environmental Health Sciences National Research Service Award, 1996-1999

HOME INSTITUTION AND DEPARTMENT IN THE UNITED STATES:

Department of Biostatistics and Epidemiology
School of Public Health and Health Sciences
University of Massachusetts, Amherst

HOST INSTITUTION AND DEPARTMENT IN FINLAND:

Institute of Public Health and Clinical Nutrition
University Eastern Finland, Kuopio

HOST PERSON AND/OR CONTACT AT THE DEPARTMENT IN FINLAND:

Professor Tomi-Pekka Tuomainen
Professor Sari Voutilainen

GRANT PERIOD:

August 2015 – January 2016

Keith C. DeRuisseau

EXERCISE PHYSIOLOGY

Fulbright-Saastamoinen Foundation Grant in Health and Environmental Sciences

Core Fulbright Scholar Program

SPECIALIZATION:

Skeletal Muscle Adaptations to Disuse and Aging

FULBRIGHT PROJECT TITLE:

Exercise Effects on Adipose Tissue Iron Metabolism, Oxidative Stress, and Insulin Signaling

ACADEMIC TRAINING:

- B.S., 1994, University of Massachusetts
- M.S., 1998, University of Massachusetts
- Ph.D., 2002, Florida State University

PROFESSIONAL BACKGROUND:

- Postdoctoral Associate, Department of Applied Physiology and Kinesiology, University of Florida, 2002-2006
- Assistant Professor, Department of Exercise Science, Syracuse University, 2006-2012
- Associate Professor, Department of Exercise Science, Syracuse University, 2012-

SELECTED PUBLICATIONS:

- DeRuisseau, K.C., Y.M. Park, L.R. DeRuisseau, P.M. Cowley, C.H. Fazen, and R.P. Doyle. Aging-related Changes in the Iron Status of Skeletal Muscle. *Exp Gerontol.* 48(11):1294-1302, 2013.
- Cowley, P.M., S. Keslacy, F.A. Middleton, L.R. DeRuisseau, B. Fernhall, J.A. Kanaley, and K.C. DeRuisseau. Functional and Biochemical Characterization of Soleus Muscle in Down syndrome Mice: Insight into the Muscle Dysfunction Seen in the Human Condition. *Am J Physiol Regul Integr Comp Physiol.* 303(12): R1251-1260, 2012.
- DeRuisseau, L.R., D.M. Recca, J.A. Mogle, M. Zoccolillo, and K.C. DeRuisseau. Metallothionein deficiency leads to soleus muscle contractile dysfunction following acute spinal cord injury in mice. *Am J Physiol Regul Integr Comp Physiol.* 297: R1795-R1802, 2009.
- Jung S.H., L.R. DeRuisseau, A.N. Kavazis, and K.C. DeRuisseau. Plantaris muscle of aged rats demonstrates iron accumulation and altered expression of iron regulation proteins. *Exp Physiol.* 93(3):407-14, 2008.

FELLOWSHIPS, HONORS, ETC.:

- Principal investigator, National Institutes of Health, National Institute on Aging R03 grant, 2009-2012
- American Physiological Society Research Host, Undergraduate Summer Research Fellowship, 2008
- Research Training Fellowship, American Lung Association of Florida, 2004-2006

HOME INSTITUTION AND DEPARTMENT IN THE UNITED STATES:

Syracuse University, Department of Exercise Science

HOST INSTITUTION AND DEPARTMENT IN FINLAND:

University of Eastern Finland, Institute of Biomedicine, Kuopio

HOST PERSON AND/OR CONTACT AT THE DEPARTMENT IN FINLAND:

Docent Mustafa Atalay

GRANT PERIOD:

September 2015 – May 2016



Lara R. DeRuisseau

PHYSIOLOGY

Core Fulbright Scholar Program

SPECIALIZATION:

Neural Control of Breathing

FULBRIGHT PROJECT TITLE:

Model of Alzheimer's Disease to Identify Functional Brain Alterations During the Prodromal Phase; with Particular Attention to Baseline Cardiorespiratory Measures

ACADEMIC TRAINING:

- PhD, 2006, University of Florida
- MS, 2003, The Florida State University
- BS, 2001, The Florida State University

HOME INSTITUTION AND DEPARTMENT IN THE UNITED STATES:

Department of Biological Sciences
Le Moyne College

HOST INSTITUTION AND DEPARTMENT IN FINLAND:

University of Eastern Finland
A.I.Virtanen Institute for Molecular Sciences
Neurobiology

HOST PERSON AND/OR CONTACT AT THE DEPARTMENT IN FINLAND:

Dr. Heikki Tanila
Dr. Anitta Mahonen

GRANT PERIOD:

September 2015 – January 2016



Christopher Harris

COMPUTER SCIENCE

Fulbright-Tampere University of Technology Scholar Award

Core Fulbright Scholar Program

SPECIALIZATION:

Human Computer Interaction

FULBRIGHT PROJECT TITLE:

Cross-Cultural User Experiences (UX) and User Design (UD) in Online Games and ePaymentSystems

ACADEMIC TRAINING:

- PhD, Informatics, 2013, University of Iowa
- MBA, 2000, UCLA
- MS Computer Science, 1997, Virginia Tech
- BS Computer Engineering, 1989, University of South Florida

PROFESSIONAL BACKGROUND:

- 2013-Present, Assistant Professor, SUNY Oswego, Oswego, NY
- 2005-2007, General Manager, Advisa Group, Beijing, China
- 2003-2005, Senior Software Engineer, Raytheon, Reston, Virginia, USA
- 2001-2003, Associate, AT Kearney, Costa Mesa, California
- 1999-2001, Database Administrator, E! Entertainment Networks, Los Angeles, California
- 1995-1999, Software Engineer, TRW (now Northrop Grumman), Fairfax Virginia and Redondo Beach, California
- 1992-1995, Consultant, Metamorfix, Lilongwe, Malawi, Africa

SELECTED PUBLICATIONS:

- Harris, C.G. (2015) "The Effects of PaytoQuit Incentives on Crowdsourcing Task Quality" CSCW 2015, Vancouver, BC, Canada, Mar 2015 ACM. Best paper award winner.
- Harris, C. G. (2014) "The Use of TokenBased Protocols in CSCW Tasks – An Empirical Examination" . In Collaboration Technologies and Social Computing. (CollabTech'14) Santiago Chile, Sep 2014
- Harris, C.G. and Wu, C. (2014) "Using TriReference Point Theory to Evaluate Risk Attitude and the Effects of Financial Incentives in a Gamified Crowdsourcing Task." Journal of Business Economics. <http://dx.doi.org/10.1007/s1157301407184>
- Harris, C.G. (2012) "VisualizIR – A Game for Identifying and Categorizing Relevant Text in Documents." Proc. NordiCHI'12, Copenhagen, Denmark, Oct 2012.
- Eickhoff, C., Harris, C.G., de Vries, A.P., and Srinivasan, P. (2012) "Quality through Flow and Immersion: Gamifying Crowdsourced Relevance Assessments." Proc. SIGIR'12, Portland, OR, Aug 2012, 871880

HOME INSTITUTION AND DEPARTMENT IN THE UNITED STATES:

State University of New York (SUNY) Oswego, Oswego, NY

HOST INSTITUTION AND DEPARTMENT IN FINLAND:

Tampere University of Technology, Tampere, Finland

HOST PERSON AND/OR CONTACT AT THE DEPARTMENT IN FINLAND:

Prof. Tommi Mikkonen

Prof. Kaisa Väänänen-Vainio-Mattila

GRANT PERIOD:

August 2015 – June 2016



Karen S. Henry

CIVIL ENGINEERING

Fulbright-VTT Grant in Science, Technology and Innovation
Core Fulbright Scholar Program

SPECIALIZATION:

Geotechnical Engineering

FULBRIGHT PROJECT TITLE:

Long-Term Unsaturated Flow Properties of Geosynthetics and the Resulting Influence on Water Flow in Geotechnical Structures

ACADEMIC TRAINING:

- PhD, Civil Engineering, 1998, University of Washington, Seattle, WA
- MS, Civil Engineering, 1987, Northwestern University, Evanston, IL
- BS, Geological Engineering, 1979, Michigan Technological University, Houghton, MI

PROFESSIONAL BACKGROUND:

- July 2014-present: Professor, Department of Civil and Environmental Engineering, US Air Force Academy, CO. Teach engineering courses. Research full-scale evaluation of energy foundations, frost effects in soils and soil analysis techniques.
- July 2010 – July 2014: Associate Professor, Department of Civil and Environmental Engineering, US Air Force Academy, CO. Taught engineering courses. Research on energy foundations (ESTCP grant).
- July 2008 – 2010: Assistant Professor, Department of Civil and Environmental Engineering, US Air Force Academy, CO. Taught engineering courses. Research on geosynthetic reinforcement of pavements.
- June 2007 – May 2008: Visiting Research Engineer, Instructor, United States Military Academy: Taught CE 300, Fundamentals of Engineering and Design, and mentored undergraduate students (cadets) on independent research projects.
- 2001-2008: Independent consultant on capillary action and preventing deposition of toxic salts through capillary action.
- 1986 – 2008: Research Civil Engineer, U.S. Army Engineer Research and Development Center's Cold Regions Research and Engineering Laboratory: Experimental geotechnical and environmental engineering research. Principal investigator on geogrid reinforcement of pavement base course. Developed new geosynthetics for drainage and remediation applications (three patents).
- 1979-1986: Engineer, USA CRREL: Wrote cold regions technical digests. Conducted feasibility study regarding the potential use of geothermal energy on U. S. Army bases. July

SELECTED PUBLICATIONS:

- Murphy, K.D., J.S. McCartney and K.S. Henry (2014) Evaluation of Thermo-Mechanical and Thermal Behavior of Full-Scale Energy Foundations, *Acta Geotechnica*, 17 p.
- Henry, K.S., J.C. Petura, S. Brooks, S. Dentico, S.A. Kessel and M. Harris (2007) Preventing surface deposition of chromium with asphalt caps at chromite ore processing residue sites—a case study, *Canadian Geotechnical Journal*, Vol. 44, pp 814-839.
- Henry, K.S. and G.R. Durell (2007) Cold temperature testing of geotextiles: New and containing soil fines and moisture, *Geosynthetics International*, Vol. 14, No. 5, pp. 320-328.
- Henry, K.S. and R.D. Holtz (2001) Geocomposite capillary barriers to reduce frost heave in soil, *Canadian Geotechnical Journal*, Vol. 38, pp 678-694.
- Sheahan, T.C., A. Alshawabkeh and K.S. Henry (2006) Reactive geocomposite for remediating contaminated sediments, U.S. Patent Office, Patent No. 7,128,498 B2, October 31, 2006.
- Henry, K.S. and J.C. Stormont (2000) Geocomposite capillary barrier drain, U.S. Patent Office, Patent No. 6,152,653, November 28, 2000.

FELLOWSHIPS, HONORS, ETC.:

- Tau Beta Pi, Eminent Engineer, Colorado Zeta Chapter, inducted March 2015
- Outstanding Academy Educator, Department of Civil and Environmental Engineering, USAir Force Academy, Academic Year 2011-2012
- U.S. Army Commander's Award for Civilian Service for meritorious achievement, 2008
- ERDC Award for outstanding team effort, Joint Rapid Airfield Construction Program, 2008
- Recipient, ERDC Commander's Coin, October 2003, for National Geotechnical Engineering Site opening (Farmer's Loop Road, Fairbanks, AK)



HOME INSTITUTION AND DEPARTMENT IN THE UNITED STATES:

U.S. Air Force Academy, Department of Civil and Environmental Engineering

HOST INSTITUTION AND DEPARTMENT IN FINLAND:

VTT Technical Research Centre of Finland, Infrastructure Health

HOST PERSON AND/OR CONTACT AT THE DEPARTMENT IN FINLAND:

Dr. Erika Holt, PhD, Research Team Leader, Principal Scientist, Infrastructure Health

GRANT PERIOD:

August 2015 – December 2015

Bri-Mathias Hodge

ELECTRICAL ENGINEERING

Fulbright-VTT Grant in Sciences, Technology and Innovation
Core Fulbright Scholar Program

SPECIALIZATION:

The Integration of Renewable Energy into Power Systems, Power System Operations with Wind and Solar Power, Wind and Solar Power Forecasting and Resource Assessment.

FULBRIGHT PROJECT TITLE:

Evaluating the Economic Efficiency of Grid Flexibility Options for Integrating High Penetrations of Renewable Energy

ACADEMIC TRAINING:

- Ph.D., 2010, Purdue University
- M.Sc., 2005, Åbo Akademi
- B.Sc., 2004, Carnegie Mellon University

PROFESSIONAL BACKGROUND:

- Section Supervisor – System Planning and Reliability, National Renewable Energy Laboratory, 2014 – Present
- Senior Engineer – Transmission and Grid Integration Group, National Renewable Energy Laboratory, 2013 – 2014
- Research Engineer – Transmission and Grid Integration Group, National Renewable Energy Laboratory, 2011 – 2013
- Post-Doctoral Researcher – Transmission and Grid Integration Group, National Renewable Energy Laboratory, 2010 – 2011

SELECTED PUBLICATIONS:

- Jing Wu, Audun Botterud, Andrew Mills, Zhe Zhou, Bri-Mathias Hodge, Michael Heaney: “Integrating Solar PV in Utility System Operations: Analytical Framework and Arizona Case Study”, In Press *Energy*.
- Caroline Draxl, Andrew Clifton, Bri-Mathias Hodge, James McCaa: “The Wind Integration National Dataset (WIND) Toolkit”, *Applied Energy* (August 2015).
- Mingjian Cui, Deping Ke, Yuanzhang Sun, Di Gan, Jie Zhang, Bri-Mathias Hodge: “Wind Power Ramp Event Forecasting Using a Stochastic Scenario Generation Method”, *IEEE Transactions on Sustainable Energy* (April 2015).
- Jie Zhang, Anthony Florita, Bri-Mathias Hodge, Siyuan Lu, Hendrik F. Hamann, Venkat Banunarayanan, Anna Brockway: “A Suite of Metrics for Assessing the Performance of Solar Power Forecasting”, *Solar Energy* (January 2015).
- Kirsten Orwig, Mark Ahlstrom, Venkat Banunarayanan, Justin Sharp, James Wilczak, Jeffrey Freedman, Sue Ellen Haupt, Joel Cline, Obadiah Bartholomy, Hendrik Hamann, Bri-Mathias Hodge, Catherine Finley, Dora Nakafuji, Jack Peterson, David Maggio, Melinda Marquis: “Recent Trends in Variable Generation Forecasting and Its Value to the Power System”, In Press *IEEE Transactions on Sustainable Energy*.

FELLOWSHIPS, HONORS, ETC.:

- NREL Outstanding SULI Mentor, 2015
- NREL Outstanding RPP Mentor, 2014
- NREL Outstanding SULI Mentor, 2012
- Award for Teaching Excellence – Purdue University
- Charlemagne Scholarship – RWTH Aachen

HOME INSTITUTION AND DEPARTMENT IN THE UNITED STATES:

National Renewable Energy Laboratory – Power Systems Engineering Center – Transmission and Grid Integration Group

HOST INSTITUTION AND DEPARTMENT IN FINLAND:

VTT – Wind Power Team

HOST PERSON AND/OR CONTACT AT THE DEPARTMENT IN FINLAND:

Juha Kiviluoma

GRANT PERIOD:

April–August 2016



Yue Li

CIVIL ENGINEERING

Fulbright-VTT Grant in Science, Technology and Innovation
Core Fulbright Scholar Program

SPECIALIZATION:

Structural Engineering

FULBRIGHT PROJECT TITLE:

Probabilistic Assessment and Design for Buildings and Infrastructure

ACADEMIC TRAINING:

- Ph.D., 2005, Georgia Institute of Technology

PROFESSIONAL BACKGROUND:

- Associate, Department of Civil and Environmental Engineering, Michigan Technological University May 2011- Present
- Visiting Professor, Centre for Infrastructure Performance and Reliability, University of Newcastle, Dec 2012–Jan 2013
- Donald and Rose Ann Tomasini Assistant Professor, Department of Civil and Environmental Engineering, Michigan Technological University , 2005–2011
- Visiting Professor, Centre for Infrastructure Performance and Reliability, University of Newcastle July 2008–August 2008

SELECTED PUBLICATIONS:

- Bjarnadottir, S., Li, Y. and Stewart, M.G. (2013) "Hurricane Risk Assessment Of Power Distribution Systems Considering Impacts Of A Changing Climate," *Journal of Infrastructure Systems, ASCE* (In press, doi:http://dx.doi.org/10.1061/(ASCE)IS.1943-555X.).
- Li, Y. and Van de Lindt, J. (2012) "Loss-Based Formulation for Multiple Hazards with Application to Residential Buildings," *Engineering Structures*, 38(1), 123-133.
- Li, Y., van de Lindt, J.W., Dao, T., Bjarnadottir, S., and Ahuja, A. (2012) "Loss Analysis for Combined Wind and Surge in Hurricanes," *Natural Hazards Review, ASCE*, 13(1).
- Li, Y., Yin, Y.J., Ellingwood, B.R., and Bulleit, W.M. (2010) "Uniform Hazard vs. Uniform Risk Bases for Performance-based Earthquake Engineering of Light-Frame Wood Construction," *Earthquake Engineering and Structural Dynamics*, 39(11), 1199–1217.
- Yin, Y.J. and Li, Y. (2010) "Seismic Collapse Risk of Light-Frame Wood Construction Considering Aleatoric and Epistemic Uncertainties," *Structural Safety*, 32(4), 250–261.
- Li, Y. and Ellingwood, B.R (2009) "Framework for multi-hazard risk assessment and mitigation for wood-frame residential construction," *Journal of Structural Engineering, ASCE*, 135(2), 159-168.

FELLOWSHIPS, HONORS, ETC.:

- Michigan Technological University Research Excellence Award (2008)
- CERRA (Civil Engineering Risk and Reliability Analysis Association) Award (2003)

HOME INSTITUTION AND DEPARTMENT IN THE UNITED STATES:

Michigan Technological University, Department of Civil and Environmental Engineering

HOST INSTITUTION AND DEPARTMENT IN FINLAND:

VTT Technical Research Centre of Finland, Espoo

GRANT PERIOD:

July-September 2013, June-August 2015, Summer 2016



David C. Major

ECONOMICS

Core Fulbright Scholar Program

SPECIALIZATION:

Methods of Adaptation to Climate Change; Water Resources Planning

FULBRIGHT PROJECT TITLE:

Mainstreaming Climate Change Adaptation: Cross-cultural Guidelines for Coastal Cities

ACADEMIC TRAINING:

- Ph.D., 1966, Harvard University
- M.A., 1962, Harvard University
- B.A., 1960, Wesleyan University

PROFESSIONAL BACKGROUND:

Academe:

- Harvard University, Instructor in Economics
- The City College of New York, Assistant Professor of Economics
- Massachusetts Institute of Technology, Associate Professor, Civil Engineering/Water Resource Systems
- Clark University, Research Professor, Environmental Affairs
- Columbia University, Senior Research Scientist, Center for Climate Systems Research

Government:

- New York City Department of Environmental Protection, Senior planner, Water Supply

Non-Profit:

- Social Science Research Council, Program Director, Global Environmental Change

SELECTED PUBLICATIONS:

- *Harry E. Schwarz and the Development of Water Resources and Environmental Planning* U.S. Army Corps of Engineers Institute for Water Resources, Maass-White Library Series in Water Planning and Management, vol. 3, Alexandria VA: IWR Press, 2010
- Winston Yu, Mozaharul Alam, Ahmadul Hassan, Abu Saleh Khan, Alex Ruane, Cynthia Rosenzweig, David Major, and James Thurlow, *Climate Change Risks and Food Security in Bangladesh*, Earthscan, 2010
- Jeroen Aerts, David C. Major, Malcolm Bowman, Piet Dircke, and M.A. Marfai, *Connecting Delta Cities: Coastal Cities, Flood Risk Management, and Adaptation to Climate Change* (Free University of Amsterdam Press, September, 2009)
- David C. Major and John S. Major, *A Huguenot on the Hackensack: David Demarest and His Legacy* (Madison, NJ: Fairleigh Dickinson University Press, 2007). Awarded the National Huguenot Society Book Award, 2008, for the best scholarly work on the Huguenots published in 2007; reprinted 2013 by Rowman & Littlefield
- David C. Major and John S. Major, *One Hundred One-Night Reads: A Book Lover's Guide* (Ballantine Books, 2001; joint selection of the Book-of-the-Month Club and the Quality Paperback Book Club; 3rd printing, 2002; 1st hardbound edition, Barnes and Noble/Bristol Park Press, 2008)
- David C. Major and John S. Major, eds., *The Future of Africa: Essays in Honor of David A. Morse* (New York: The New York Society for International Affairs, 2003)
- Kenneth D. Frederick, David C. Major, and Eugene Z. Stakhiv, eds., *Climate Change and Water Resources Planning Criteria* (Dordrecht, The Netherlands: Kluwer Academic Publishers, 1997, published concurrently as a special issue of *Climatic Change* 37:1 (September 1997)
- Lourdes Arizpe, Priscilla Stone, and David C. Major, eds., *Population and Environment: Rethinking the Debate* (Boulder, CO: Westview Press, 1994)
- David C. Major and Harry E. Schwarz, *Large-Scale Regional Water Resources Planning: The North Atlantic Regional Study* (Dordrecht, The Netherlands: Kluwer Academic Publishers, Water Science and Technology Library, Volume 7, 1990)
- *Principles of Water Resources Planning*, by Alvin S. Goodman, with David C. Major and others (Englewood Cliffs, New Jersey: Prentice-Hall, 1984)
- *Hydropower: A National Energy Resource, Proceedings of an Engineering Foundation Conference*, edited by David C. Major and others (Washington, D.C.: U.S. Government Printing Office, 1980)
- David C. Major and Roberto L. Lenton, *Applied Water Resource Systems Planning* (Englewood Cliffs, N.J.: Prentice-Hall, Environmental Sciences Series, 1979)
- *Multiobjective Water Resource Planning* (Washington, D.C.: American Geophysical Union, Water Resources Monograph 4, 1977).



FELLOWSHIPS, HONORS, ETC.:

- Erasmus Mundus Master's Course Lecturer
- Joanne Woodward Visiting Professor of Public Policy, Sarah Lawrence College
- Visiting Scholar, Clare Hall, University of Cambridge
- Visiting Scholar, U.S. Army Corps of Engineers Institute for Water Resources
- Visiting Scientist, People's Republic of China Ministry of Water Resources
- Visiting Professor, University of Roorkee (India)
- Professional Member, PEN American Center

HOME INSTITUTION AND DEPARTMENT IN THE UNITED STATES:

Columbia University Earth Institute

HOST INSTITUTION AND DEPARTMENT IN FINLAND:

University of Helsinki, Department of Environmental Sciences

GRANT PERIOD:

October-December 2014 and October-December 2015

Rebecca Martusewicz

EDUCATION

Fulbright-University of Tampere Scholar Award
Core Fulbright Scholar Program

SPECIALIZATION:

EcoJustice Education

FULBRIGHT PROJECT TITLE:

EcoJustice, Educational Politics, and Globalization: Toward Education for Diverse, Democratic and Sustainable Societies

ACADEMIC TRAINING:

- 1988 Ed.D University of Rochester, Rochester, NY

PROFESSIONAL BACKGROUND:

- Professor Eastern Michigan University, Social Foundations of Education, Educational Studies PhD Program, Dept. of Teacher Education, Eastern Michigan University
- 1988-Pres. Faculty member, Social Foundations, Department of Teacher Education, Eastern Michigan University
- 2008-2013. Director/Co-Director, Southeast Michigan Stewardship Coalition (Externally funded project, Great Lakes Stewardship Initiative)
- 2006-2007 Director, Building Leadership Capacity for Sustainability Education (Externally funded project, Environmental Protection Agency)
- 1998-2014 Editor, *Educational Studies: The Journal of American Educational Studies Association*
- 1986-1988 Secondary Teacher: Social Studies and Spanish, LaFargeville Central School, LaFargeville, NY

SELECTED PUBLICATIONS:

Books

- Martusewicz, R. A., Edmundson, J. (forthcoming). *A Pedagogy of Responsibility: The Teachings of Wendell Berry for EcoJustice Education*. New York, NY: Routledge.
- Martusewicz, R. A., Edmundson, J. & Lupinacci, J. (2011/2015) *EcoJustice education: Toward diverse, democratic and sustainable communities*. New York, NY: Routledge. AESA CRITICS CHOICE AWARD 2011.
- Martusewicz, R. A. (2001). *Seeking passage: Post-structuralism, pedagogy, ethics*. New York: Teachers College Press. AESA CRITICS CHOICE AWARD 2001

Articles

- Martusewicz, R. A. (2014). Letting our hearts break: On facing the "hidden wound" of human supremacy. *Canadian Journal of Environmental Education: Dark Matters*, Vol. 19.
- Martusewicz, R. (2013) "Toward an anti-centric ecological culture: Bringing a critical ecofeminist analysis to ecojustice education." In Andrejs Kulnieks, Kelly Young & Dan Longboat (Eds.) *Contemporary studies in environmental and Indigenous pedagogies: A curricula of stories and place*. Rotterdam, Netherlands: Sense Publishers.
- Edmundson, J., & Martusewicz, R. (2013). Putting our lives in order": Wendell Berry, ecoJustice, and a pedagogy of responsibility." In Andrejs Kulnieks, Kelly Young and Dan Longboat (Eds.) *Contemporary studies in environmental and indigenous pedagogies: A curricula of stories and place*. Rotterdam, Netherlands: Sense Publishers.
- Martusewicz, R., Edmundson, J. & Kahn, R. (2012) On membership, humility, and pedagogical responsibilities: A correspondence on the work of Wendell Berry." *Mid-Western Educational Researcher*. Vol 25 (3) 44-68. Summer 2012.
- Martusewicz, R.A. (2011). EcoJustice education as an ethic of care. In Robert Lake, (Ed.) *Letters to Nel Noddings*. New York, NY: Teachers College Press.
- Lowenstein, E., Martusewicz, R.A. & Voelker, L. (2010). Developing teachers' capacity for ecoJustice education and community-based learning. *Teacher Education Quarterly*, Fall, 99-118.
- Martusewicz, R.A. & Schnakenberg, G. R. (2010). EcoJustice, community-based learning, and social studies education." In E. W. Ross and A. DeLeon, (Eds), *Critical theories, radical pedagogies, and social education*. Rotterdam, Netherlands: Sense Publishers, 25-42.
- Martusewicz, R. A., Lupinacci, J. & Schnakenberg, G. R. (2010). EcoJustice for science educators. In Tippins, D., Mueller, M. & van Eijck, M.(Eds), *Cultural studies and environmentalism: The confluence of ecoJustice, indigenous knowledge systems and a sense of place*. Springer Forum Series, 11-28.



FELLOWSHIPS, HONORS, ETC.:

- Mar 2015 Women's Center Teaching Award, Eastern Michigan University
- 2015 Faculty Research Fellowship, Eastern Michigan University
- Sept. 2015 College of Education Scholarship Award, Eastern Michigan University
- 2011 American Educational Studies Association Critics Choice Award, *EcoJustice Education: Toward Diverse, Democratic and Sustainable Communities*.
- 2011- 2013 Southeast Michigan Stewardship Coalition Continuation Grant, \$145,000. award.
- 2009-2011 Southeast Michigan Stewardship Coalition Continuation Grant, \$175,000. award.
- 2010 East Michigan Environmental Action Council Partnership Award to the Southeast Michigan Stewardship Coalition, award 2: \$20,000. award
- 2009 East Michigan Environmental Action Council Partnership Award to the Southeast Michigan Stewardship Coalition, award 1: \$20,000. award
- 2007-2009 Southeast Michigan Stewardship Coalition Implementation Grant \$200,000. award
- 2007 Planning for a Great Lakes Stewardship Initiative Grant. \$20,000. award.
- 2006-2007 EPA Grant: Building Leadership Capacity for Sustainability Education. \$125,000. Award.
- 2004-2005 Community Leadership Fellowship Program, EMU Institute for the Study of Children, Families and Communities. University-Community Partnership Fellowship, Dept of Justice sponsored, \$20,000 award.

HOME INSTITUTION AND DEPARTMENT IN THE UNITED STATES:

Department of Teacher Education
Eastern Michigan University
Ypsilanti, Michigan

HOST INSTITUTION AND DEPARTMENT IN FINLAND:

School of Education
University of Tampere
Tampere, Finland

HOST PERSON AND/OR CONTACT AT THE DEPARTMENT IN FINLAND:

Dr. Veli-Matti Värri
School of Education
University of Tampere

GRANT PERIOD:

August 2015-December 2015

Anton K. Schindler

CIVIL ENGINEERING

Fulbright-VTT Grant in Science, Technology and Innovation
Core Fulbright Scholar Program

SPECIALIZATION:

Structural Engineering and Concrete Materials

FULBRIGHT PROJECT TITLE:

Development of Durable Infrastructure for the Long-Term Storage of Waste Nuclear Fuel

ACADEMIC TRAINING:

- Ph.D., Civil Engineering, 2002, The University of Texas at Austin, U.S.A.
- M.S.E., Civil Engineering, 1999, The University of Texas at Austin, U.S.A.
- Honors, Civil Engineering, 1996, University of Pretoria, South Africa
- B.C.E., Civil Engineering, 1993, University of Pretoria, South Africa

PROFESSIONAL BACKGROUND:

- Professor, Department of Civil Engineering, Auburn University, 2012–Present
- Director of the Highway Research Center, Auburn University, 2009–Present
- Associate Professor, Dept. of Civil Eng., Auburn University, 2007–2012
- Assistant Professor, Dept. of Civil Engineering, Auburn University, 2002–2007

SELECTED PUBLICATIONS:

- Byard B.E., and A.K. Schindler, "Modeling early-age stress development of restrained concrete," *Materials and Structures* 48:1, 2015, pp. 435-450.
- Riding K.A., J.L. Poole, A.K. Schindler, M.G. Juenger, K.J. Folliard, "Statistical determination of cracking probability for mass concrete," *ASCE Journal of Materials in Civil Engineering* 26:9, 2014.
- Byard B.E., A.K. Schindler, and R.W. Barnes, "Cracking tendency of lightweight aggregate bridge deck concrete," *ACI Materials Journal* 111:2, 2014, pp. 179-188.
- Keske S.D., A.K. Schindler, and R.W. Barnes, "Assessment of stability test methods for self-consolidating concrete," *ACI Materials Journal* 110:4, 2013, pp. 385-393.
- Schindler, A.K., J.G. Grygar, and W.J. Weiss, "The economics, performance, and sustainability of internally cured concrete," Special Publication 290, American Concrete Institute, Farmington Hills, Michigan, 2012, 206 p.
- Byard B.E., A.K. Schindler, and R.W. Barnes, "Early-age cracking tendency and ultimate degree of hydration of internally cured concrete," *ASCE Journal of Materials in Civil Engineering* 24:8, 2012, pp. 1025-1033.
- Byard B.E., A.K. Schindler, R.W. Barnes, A. Rao, "Cracking tendency of bridge deck concrete," *Journal of the Transportation Research Board* 2164, 2010, pp. 122-131.
- Schindler A.K., D. Trejo, and R.W. Barnes, "Self-consolidating concrete for prestress precast applications," Special Publication 247, American Concrete Institute, Farmington Hills, Michigan, 2007, 162 p.

FELLOWSHIPS, HONORS, ETC.:

- Fellow, American Concrete Institute (ACI), 2013
- Frank G. Erskine Award from the Expanded Shale Clay and Slate Institute, 2013
- W.F. Walker Merit Teaching Award, College of Engineering, Auburn University, 2012
- Wason Medal for Concrete Materials Research, American Concrete Institute (ACI), 2011
- Wason Medal for Concrete Materials Research, American Concrete Institute (ACI), 2006
- Auburn University, College of Engineering, Civil Eng. Outstanding Faculty Member, 2004
- Auburn University, College of Engineering, Civil Eng. Outstanding Faculty Member, 2003

HOME INSTITUTION AND DEPARTMENT IN THE UNITED STATES:

Auburn University, Department of Civil Engineering

HOST INSTITUTION AND DEPARTMENT IN FINLAND:

VTT Technical Research Centre of Finland, Espoo



HOST PERSON AND/OR CONTACT AT THE DEPARTMENT IN FINLAND:

Dr. Erika Holt, Research Team Leader, Infrastructure Health

GRANT PERIOD:

January 2016-May 2016

Edward D. Sivak

MEDICINE

Core Fulbright Scholar Program

SPECIALIZATION:

Pulmonary Medicine

FULBRIGHT PROJECT TITLE:

Cost Comparisons in Healthcare: A Benchmarking Collaborative between Finland and the United States

ACADEMIC TRAINING:

- Gannon College, Erie, PA 1966 B.A in biology
- Hahnemann Medical College, Philadelphia, PA. 1970 M.D.
(Now: Drexel University College of Medicine)

PROFESSIONAL BACKGROUND:

- Internship, Cleveland Clinic Foundation, Cleveland, Ohio. **July 1970 - June 1971**
- Fellow in Internal Medicine, Cleveland Clinic. **August 1973 - June 1975**
- Fellow in Pulmonary Medicine, Cleveland Clinic. **July 1975 - June 1976**
- Fellow in Pulmonary Medicine Univ. of Oklahoma, Oklahoma. **July 1976 - September 1977**
- Director, Medical Intensive Care Unit, Department of Pulmonary Disease, Cleveland Clinic Foundation. **October 1977—July 1988**
- Staff Physician, Department of Pulmonary Disease, Cleveland Clinic Foundation. **1988 - December 1991**
- Staff Physician, Meridia Huron Hospital. Chief, Section of Critical Care Medicine Cleveland, Ohio. **January 1992 - June 1995**
- Professor of Medicine (with tenure) SUNY Upstate Medical University, Syracuse, New York Chief, Division of Pulmonary/Critical Care, Director, Medical Intensive Care Unit. **June 15, 1995—April 2010**
- Staff, Physician, Division, Pulmonary, Critical Care and Sleep Medicine MetroHealth Medical system, Professor of Medicine Case Western Reserve University, School of Medicine, Cleveland, Ohio. **May 2010—Present**

SELECTED PUBLICATIONS:

- **Sivak, E.D.**, Gray, B.A., McCurdy, H.T., Phillips, A.K.: Pulmonary Vascular Response to Nitroprusside in Dogs. *Circulation Research* 1979; 45:360-365.
- **Sivak, E.D.**, Gipson, W.T., Hanson, M.: Long Term Management of Respiratory Failure in Amyotrophic Lateral Sclerosis. *Annals of Neurology* 1982; 12:18-23.
- **Sivak, E.D.**, Cordasco, E.M., Gipson, W.T., Mehta, A.: Home Care Ventilation: The Cleveland Clinic Experience from 1977 to 1985. *Respiratory Care* 1986; 31(4):294-302.
- Castren, A., Grimnes, S., Kari, P., Nikki, G.L., Olsson, H.B., Rasmussen, H.B., **Sivak, E.D.**, Vauramo, E., Zaren, B.: User Requirements For Data Systems in Anesthesia and Intensive Care. *International Journal of Clinical Monitoring and Computing* 1988; 5:137-146.
- **Sivak, E.D.**: Lessons to be Learned From a Joint Effort Between a Finnish Company and an American Health Care Institution to Develop a Computerized Patient Care System for the Intensive Care Unit. In: Kankaanpaa, J. (ed). The identification of opportunities for biomedical technology transfer. Institute of biomedical engineering. Faculty of information sciences. Helsinki University of Technology. Espoo, Finland. Report TKK-F-A656. 1989; 35-42 (ISSN-0355-7790).
- **Sivak, E.D.**, Perez-Trepechio, A.: Quality Assessment in the Medical Intensive Care Unit: Continual evolution of a data model. *Quality Assurance and Utilization Review* 1992; 7(2):42-49
- **Sivak, E. D.**, Higgins, T.L., Seiver, A. (eds). The High Risk Patient: Management of the Critically Ill. Williams & Wilkins, Baltimore, 1995.
- **Sivak, E.D.** Management of Information as a Resource. In: The Business of Critical Care. Sibbald, W.J. and Massaro, T.A. (eds). Futura Publishing. Mt. Kisco, N.Y. 105—147, 1996
- **Sivak, E.D.**, Shefner, J.M., Mitsumoto, H., Taft, J.M.: The use of noninvasive positive pressure ventilation (NIPPV) in ALS patients. A need for improved determination of intervention timing. *Amyotrophic Lateral Sclerosis and Other Motor Neuron Disorders*. 2002; 2:139-145.



FELLOWSHIPS, HONORS, ETC.:

- Fellow, American College of Chest Physicians
- Fellow, American College of Physicians (1981—2014)
- Fellow, American College of Critical Care Medicine (1991—2013)
- Outstanding Clinician Award, New York State Thoracic Society (2008)

HOME INSTITUTION AND DEPARTMENT IN THE UNITED STATES:

Metrohealth System, Department of Medicine, Cleveland, Ohio. USA

HOST INSTITUTION AND DEPARTMENT IN FINLAND:

Aalto University. School of Business. Department of Accounting. Helsinki.

HOST PERSON AND/OR CONTACT AT THE DEPARTMENT IN FINLAND:

Professor Teemu Malmi. Head of Department. Department of Accounting.

GRANT PERIOD:

September—October 2015 and September—October 2016

Melissa Wallace

TRANSLATION AND INTERPRETING STUDIES

Fulbright-University of Tampere Scholar Award

Core Fulbright Scholar Program



SPECIALIZATION:

Court interpreter testing and certification; language access policy

FULBRIGHT PROJECT TITLE:

The Transposition of Directive 2010/64/EU in Finland and its Impact on University-Level Court Interpreter Training

ACADEMIC TRAINING:

- Ph.D. *Cum Laude* in Translation and Interpreting, November 2012, Universitat d'Alacant, Spain
- DEA (*Diploma de estudios avanzados*), July 2010, Universitat d'Alacant, Spain
- BA in Spanish, BA in Linguistics, May 1993, University of Wisconsin - Madison

PROFESSIONAL BACKGROUND:

- Assistant Professor of Translation and Interpreting Studies, University of Texas at San Antonio, 2013 – present
- Director of the Graduate Certificate in Spanish Translation and Interpreting Studies, University of Texas at San Antonio, 2013-present
- Adjunct Instructor in Interpreting Studies, Viterbo University, La Crosse, Wisconsin, 2011-2013
- Senior Lecturer in Spanish, University of Wisconsin – La Crosse, 2001-2013

SELECTED PUBLICATIONS:

- In press (due out first quarter of 2015): "Current Dilemmas in Court Interpreting: Improving Quality and Access through Smarter Testing and Administration Protocols." Ortega Herráez, Juan Miguel and Catalina Iliescu (eds). *MonTI Special Issue (2015) – Insights in Interpreting: Status and Developments*.
- In press (due out first quarter of 2015): "Resisting Market Disorder and Ensuring Public Trust: Reimagining National Registers for Legal Interpreters in the United States and the European Union." Blasco Mayor, María Jesús and Maribel del Pozo Triviño (eds). *MonTI 7 (2015) – Legal Interpreting at a Turning Point*.
- In press (Spring 2015) "Access and Protection: Civil Court Remedies for Victims of Domestic Violence and the Current State of Free Language Mediation in US Courts." Proceedings of The FIRST INTERNATIONAL SOS-VICS CONFERENCE: Building communication bridges in gender violence at the University of Vigo, Spain, on the 25th and 26th September, 2014.
- In press (March 2015): "A further call to action: Training as a policy issue in court interpreting." Monzó Nebot, E. & L. Cheng (eds.) Special issue of *The Interpreter and Translator Trainer*, Volume 9, Number 2, 2015. Routledge.
- "Team-Based Learning in Introductory Translation Courses." *Handbook of Research on Teaching Methods in Language Translation and Interpretation*. Released in the *Advances in Educational Technologies & Instructional Design (AETID)* Book Series, IGI Global, October 2014.
- "Rethinking Bifurcated Testing Models in the Court Interpreter Certification Process." Tsagari, D. & R. van Deemter (eds.) (March 2013). *Assessment Issues in Language Translation and Interpreting*. Frankfurt am Main: Peter Lang GmbH. (Language Testing and Evaluation Series, Vol. 29) ISBN: 978-3-631-63603-9.
- "Writing the Wrongs of Literature: The Figure of the Feminist and Post-Colonialist Translator", *Journal of the Midwest Modern Language Association*, Fall 2002, Volume 35, Number 2, ISSN 0742-5562.

FELLOWSHIPS, HONORS, ETC.:

- Amber Award for Inspirational Mentoring, February 2015, University of Texas at San Antonio
- College of Liberal Studies Academic Staff "Recognition of Excellence" Award for Research/Scholarship/Creative Endeavors, April 2009, University of Wisconsin – La Crosse

HOME INSTITUTION AND DEPARTMENT IN THE UNITED STATES:

Department of Modern Languages and Literatures, University of Texas at San Antonio

HOST INSTITUTION AND DEPARTMENT IN FINLAND:

School of Language, Translation and Literary Studies, University of Tampere

HOST PERSON AND/OR CONTACT AT THE DEPARTMENT IN FINLAND:

Dr. Tiina Tuominen, School of Language, Translation and Literary Studies, University of Tampere, Finland.

GRANT PERIOD:

January – May 2016

Elizabeth Whitney

PERFORMANCE STUDIES AND COMMUNICATION

Fulbright-University of Turku Scholar Award

Core Fulbright Scholar Program



SPECIALIZATION:

Gender Studies

FULBRIGHT PROJECT TITLE:

Arts Funding, Shared Values, and Digital Storytelling: A Comparative Approach Between the United States and Finland

ACADEMIC TRAINING:

- Ph.D., 2002 Southern Illinois University
- Performance Studies & Communication

PROFESSIONAL BACKGROUND:

- Assistant Professor, Department of Speech, Communications, & Theatre Arts. City University of New York, Borough of Manhattan Community College, 2012-present.
- Visiting Instructor, Barnard Center for Research on Women, Barnard College, New York, 2009-2012.
- Scholar in Residence, Institute for Liberal Arts & Interdisciplinary Studies; Performance Studies. Emerson College, Boston, 2005-2009.
- Faculty, Center for Women's Studies; Assistant Director, LGBT Resource Center, University of Wisconsin, Milwaukee, 2003-2004.

SELECTED PUBLICATIONS:

- Whitney, Elizabeth. "Longing & Failure: A Performative Lecture on Anna Elizabeth Dickinson." *Text and Performance Quarterly*, Forthcoming July 2016.
- Whitney, Elizabeth. "Coming (Back) To Performance Studies: A Slightly Fictionalized Ethnographic Narrative (In Three Parts)." *Text & Performance Quarterly* 34.4 (2014): 382-385.
- Whitney, Elizabeth. "It's Your Body." "Real Time." "Shifting Demographics." *Mother/Daughter Monologues Volume 2: Thirtysomethings*. Ed. Emily Cicchini. NY: International Centre for Women Playwrights. 2009.
- Whitney, Elizabeth. "Wonder Girl." *Singular Voices: Monologues from the International Centre for Women Playwrights*. Ed. Ellen Margolis. NY: JAC Publishing. 2008.
- Whitney, Elizabeth. "Flag Football: An Audio Performance & Essay." *Liminalities: A Journal of Performance Studies* 2.1 (2006). <http://liminalities.net/2-1/issue.htm>
- Whitney, Elizabeth. "When White Girls Act Black: Reconsidering Performances of Otherness." *Casting Gender: Women and Performance in Intercultural Contexts*. Eds. Laura Lengel and John Warren. New York: Peter Lang, 2005. 109-28.
- Whitney, Elizabeth. "Pop Culture Princess." *Text and Performance Quarterly* 26 (2006): 200-8.
- Whitney, Elizabeth. "Camp, Capitalism, and the Queering of Culture: A Performative Journey into Contemporary Avarice." *Text and Performance Quarterly*. Special issue: The Seven Deadly Sins. 26 (2006): 36-46.

SELECTED FELLOWSHIPS, HONORS, ETC.:

- Faculty Fellowship Publication Program (Grant), City University of New York, Spring 2015.
- C3IRG (City University of New York Collaborative Grant). "Digital Storytelling and Public Speaking." 2013-2014.
- Gilder Lehrman Institute of American History Summer Seminar. "The Civil War in Photography at the Metropolitan Museum of Art." July 2013.
- National Endowment for the Humanities Summer Institute. "Transcendentalism and Social Action." July 2013.
- Faculty Resource Network Scholar in Residence, New York University, June 2013.

SELECTED CREATIVE SCHOLARSHIP

Queer Longing, Queer Failure: A Performative Lecture on Anna Elizabeth Dickinson.

- Eastern Performance Festival, Villanova University. March 14, 2015.
- SoLow Performance Festival. Philadelphia. June 19, 2014.
- Emerson College, Women Performing Feminisms. March 31, 2014.
- Monmouth University, Art Now Series. September 26, 2013.

- *Womyn, Wimmin, Wymyn: The Second Wave in Song*. A Lecture-Performance on women's music from the 1970s and 1980s with Jessica Del Vecchio and Emily Moore.
- Dixon Place, NYC. December 4 & 6, 2014.
Lesbian Herstory Archives, Brooklyn. May 4, 2014.

HOME INSTITUTION AND DEPARTMENT IN THE UNITED STATES:

City University of New York, Borough of Manhattan Community College

HOST INSTITUTION AND DEPARTMENT IN FINLAND:

University of Turku, Faculty of Humanities, School of History, Culture and Arts Studies

HOST PERSON AND/OR CONTACT AT THE DEPARTMENT IN FINLAND:

Susanna Paasonen

GRANT PERIOD:

August 2015 – May 2016

William Doyle

BUSINESS

Mid-Career Professional Development Grant

SPECIALIZATION:

Media, Entertainment, Education, American History

FULBRIGHT PROJECT TITLE:

The Schools of Tomorrow: Global Visions of the Future of Children's Education

ACADEMIC TRAINING:

- George Washington University, Bachelors Degree in Business Administration, 1985
- University of Missouri, Visiting Scholar, 2004

PROFESSIONAL BACKGROUND:

- Director of Original Programming and Executive Producer, HBO New York
- Co-Producer and co-writer, A&E TV Network Documentary
- Co-Producer, PBS TV Network Documentary

SELECTED PUBLICATIONS:

- Inside the Oval Office: The White House Tapes (1999)
- An American Insurrection: The Battle of Oxford, Mississippi (2002)
- A Soldier's Dream: Captain Travis Patriquin and the Awakening of Iraq (2011)
- A Mission From God: The Memoir of James Meredith (2012)
- American Gun: A History of the U.S. in 10 Firearms (2013)
- Navy Seals: Their Untold Story (2014)
- Secrets of the World's Healthiest Children (September 2015)
- Pt-109: Jfk's Night Of Destiny (October 2015)

FELLOWSHIPS, HONORS, ETC.:

- New York Times Bestselling Book
- Writers Guild of America Award for Best TV Documentary
- American Bar Association Silver Gavel Award: Best Book on the American Legal System
- American Library Association Alex Award: Best Book for Young Readers
- African-American Scholars Favorite Book
- Robert F. Kennedy Book Award Finalist
- Washington Post Best Book of the Year
- New York Times Notable Book of the Year

HOME INSTITUTION AND DEPARTMENT IN THE UNITED STATES:

HarperCollins Publishing

HOST INSTITUTION AND DEPARTMENT IN FINLAND:

University of Eastern Finland, Joensuu

HOST PERSON AND/OR CONTACT AT THE DEPARTMENT IN FINLAND:

Helmi Järviluoma-Mäkelä

GRANT PERIOD:

August 2015 – December 2015



Ann Brandt

SPECIAL EDUCATION

Fulbright Distinguished Award in Teaching

SPECIALIZATION:

Speech Language Pathology

FULBRIGHT PROJECT TITLE:

Improving Interdisciplinary Staff Education in the Use of Multisensory Environments

ACADEMIC TRAINING:

- Master of Arts, Speech Language Pathology, 2008, University of Pittsburgh
- Bachelor of Arts, Communication Science and Disorders, 2006, University of Pittsburgh

PROFESSIONAL BACKGROUND:

- Speech-Language Pathologist, Greater Latrobe School District, Latrobe, Pennsylvania 2008-Present
- Site Visitor, Council on Academic Accreditation for the American Speech-Language-Hearing Association, Rockville, Maryland, 2013-Present

SELECTED PUBLICATIONS:

- Brandt, A. (2014). Meaningful Professional Development for School Based SLPs: Creating a Professional Learning Community. ASHA Convention, Chicago, Illinois.
- Brandt, A., and Schussler, K.F. (2009). Improving Classroom Teachers Understanding of Phonological Awareness Skills. ASHA Convention, New Orleans, Louisiana.

FELLOWSHIPS, HONORS, ETC.:

- Nominee for Certificate of Recognition for Outstanding Contributions in Preschool-Grade 12 Education Settings, American Speech-Language-Hearing Association, 2014
- Award for Continuing Education, American Speech-Language-Hearing Association, 2012
- Leadership Development Program, American Speech-Language-Hearing Association, Rockville, Maryland, 2011-2012
- Founder, Westmoreland County School Based Speech-Language Pathology Professional Learning Community, 2011-Present

HOME INSTITUTION AND DEPARTMENT IN THE UNITED STATES:

Greater Latrobe School District, Special Education Department, Latrobe, Pennsylvania

HOST INSTITUTION AND DEPARTMENT IN FINLAND:

Niilo Mäki Institute, Jyväskylä

GRANT PERIOD:

February 2016 - May 2016



Erin Dowding

ESL/EFL

Fulbright Distinguished Award in Teaching

SPECIALIZATION:

Humanities/English/College Access

FULBRIGHT PROJECT TITLE:

Learning to Learn: Performance Based Assessment in Culturally and Linguistically Diverse Classrooms

ACADEMIC TRAINING:

- M.S. in TESOL Education, June 2005, The City College of New York
- Certificate in Documentary Photography, May 2001, The Salt Institute for Documentary Studies
- B.A. in Liberal Arts, May 1998, Sarah Lawrence College

PROFESSIONAL BACKGROUND:

- ESL Through Humanities Teacher, The Flushing International High School, Flushing, New York, 2004 – present
- College & Career Counselor, The Flushing International High School, Flushing, New York, 2010 – present
- Internship Advisor, The Flushing International High School, Flushing, New York, 2007 – present
- Adjunct Professor, Department of Teaching, Learning and Leadership, School of Education, Long Island University, Brooklyn, New York, 2013 – present
- Adjunct Lecturer, ELA for ELLs Course, *College Now* Program, City University of New York, Queens College, Flushing, New York, 2007 – 2014
- ESL/ESL Through Social Studies Teacher, Intermediate School 254, Bronx, New York, 2003 – 2004
- Photography Instructor, Parkside Community Policing Center, Parkside Photo Project, Portland, Maine, 2002
- Literacy Facilitator, "Staying in Closer Touch" Project, Washtenaw County Jail, Ann Arbor, Michigan, 2000 – 2002
- ESL Teacher, Kansai Foreign Language Institute, Wakayama, Japan, 1999 – 2000
- Creative Writing Teacher, "Right to Write" Project, Westchester Women's Correctional Facility, Valhalla, New York, 1998 – 1999

FELLOWSHIPS, HONORS, ETC.:

- Fulbright-Hays Seminars Abroad: History and Culture in China, U.S. Department of Education & National Committee on U.S.-China Relations, Travel Grant Fellowship to China & Hong Kong, 2015
- Big Apple Awards: Recognizing Teacher Excellence in New York City, Nominee, New York City Department of Education, 2015
- Big Apple Awards: Recognizing Teacher Excellence in New York City, Semi-Finalist, New York City Department of Education, 2014
- *"From Sand to Sea: Cultural Exchange through Trade on the Silk Road,"* Travel Grant Fellowship to China, Hong Kong, Dubai and Turkey, Programs in International Educational Resources, Yale University, New Haven, Connecticut, 2008
- Fulbright-Hays Seminars Abroad Bilateral Projects, U.S. Department of Education, Travel Grant Fellowship to Canada and Mexico, 2007
- Fund For Teachers Fellowship Program, New Visions for Public Schools, Travel Grant to Japan, 2007

HOME INSTITUTION AND DEPARTMENT IN THE UNITED STATES:

The Flushing International High School, Flushing, New York

HOST INSTITUTION AND DEPARTMENT IN FINLAND:

University of Jyväskylä, Department of Teacher Education

GRANT PERIOD:

January 2016 – June 2016



Meghan Hanson-Peters

SOCIAL STUDIES

Fulbright Distinguished Award in Teaching

FULBRIGHT PROJECT TITLE:

Cooperative Learning Strategies as a Best Practice in Student-Directed, Globally-Minded Classrooms

ACADEMIC TRAINING:

- M.Ed, 2003, Colorado State University
- BA, 1996, LaSalle University

PROFESSIONAL BACKGROUND:

- Meghan has been teaching at Steamboat Springs High School in northwest Colorado since 2003. Courses Meghan teaches include World Geography, Civics, Current Issues, Sociology, Psychology and various history classes. She also worked as the assistant principal for two years, from 2011-2013, during which time she focused on curriculum development, professional development offerings, and coaching teachers on instruction.

FELLOWSHIPS, HONORS, ETC.:

- 2011 Fulbright-Hays Seminars Abroad participant, China
- 2008 Japan Fulbright Memorial Fund participant, Japan
- 2006 Steamboat Springs High School Teacher of the Year

HOME INSTITUTION AND DEPARTMENT IN THE UNITED STATES:

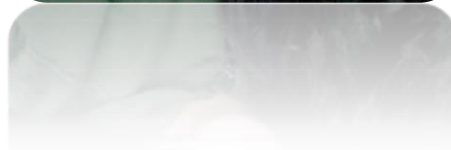
Steamboat Springs High School
Institute of International Education

HOST INSTITUTION AND DEPARTMENT IN FINLAND:

University of Jyväskylä

GRANT PERIOD:

January- April 2016



Anna Marquardt

ENGLISH

Fulbright Distinguished Award in Teaching

SPECIALIZATION:

Creative Writing, Arts Integration, Advanced Placement Language & Literature, Dual Enrollment – Critical Thinking and Writing

FULBRIGHT PROJECT TITLE:

Creating Spaces- How Secondary Language Instruction Propels Students to the Creating Summit of Bloom's Apex

ACADEMIC TRAINING:

- Master of Arts in English, University of Louisiana
- Bachelor of Arts in Political Science, University of Louisiana
- Legal Assistant Certification, Southwest Paralegal Institute
- Licensed Vocational Nurse Degree, TH Harris, Opelousas, Louisiana

PROFESSIONAL BACKGROUND:

- Carencro High School, Teacher. 12 years
- Butler and Binion Law Firm, Legal Assistant. 5 years
- Lafayette General Hospital, Operating Room Nurse, 5 years

FELLOWSHIPS, HONORS, ETC.:

- National Endowment for Humanities Grant, Islamic Poetry and Song, 2014
- *Shadowbox Myths* Stage Director 2014
- Acadiana Open Channel Producer since 2003
- Acadiana Center for the Arts School Liaison since 2005
- National Writing Project of Acadiana Director 2005-2008
- National Boards Certification, 2008

HOME INSTITUTION AND DEPARTMENT IN THE UNITED STATES:

Carencro High School English Department, Lafayette, Louisiana

HOST INSTITUTION AND DEPARTMENT IN FINLAND:

University of Turku, Department of Teacher Education

GRANT PERIOD:

January 2015 – June 2015



Elizabeth Radday

MATHEMATICS AND SPECIAL EDUCATION

Fulbright Distinguished Award in Teaching



SPECIALIZATION:

Academic Support for Students with Learning Disabilities

FULBRIGHT PROJECT TITLE:

Special and Supplementary Education Beyond the Compulsory Years in Finland

ACADEMIC TRAINING:

- Certificate, 2014, Applied Behavior Analysis, Florida Institute of Technology
- Ed.D, 2010, Teaching, Learning and Curriculum, The University of Pennsylvania
- M.S., 2004, Elementary Education, St. Joseph's University
- B.A., 2001, Spanish and French, Loyola University Maryland

PROFESSIONAL BACKGROUND:

- Dean of Academic Support and Individualized Programming, The Marvelwood School, Kent, CT
- Mathematics and Learning Support Instructor, The Marvelwood School
- Board Member, Northeast Association of Learning Specialists
- Adjunct Faculty, The College of New Rochelle, Graduate School
- Research Assistant, University of Pennsylvania, Graduate School of Education

FELLOWSHIPS, HONORS, ETC.:

- The Carl "Skip" Tucker Cup for Faculty of the Year, 2015, The Marvelwood School
- General Electric Grant for Mathematics Education, 2004-2005, The University of Pennsylvania
- MetroMath: The Center for Mathematics in America's Cities, Graduate Fellow, 2005-2007
- AmeriCorps Education Award, 2002-2003

HOME INSTITUTION AND DEPARTMENT IN THE UNITED STATES:

The Marvelwood School, Kent, CT

HOST INSTITUTION AND DEPARTMENT IN FINLAND:

Niilo Maki Institute, Jyväskylä

GRANT PERIOD:

January 2016 - June 2016

David A. Tow

**ENGLISH LANGUAGE AND LITERATURE, SOCIAL SCIENCE,
JOURNALISM**

Fulbright Distinguished Award in Teaching

SPECIALIZATION:

High School English

FULBRIGHT PROJECT TITLE:

Boundaries Without Borders: Constructing Global Identities from National Civic Involvement

ACADEMIC TRAINING:

- M.A. English Literature, April 2012, University of California, Irvine
- M.Ed. Cross-Cultural Teaching, January 2008, National University
- B.A. Philosophy, December 2004, San Diego State University

PROFESSIONAL BACKGROUND:

- Teacher, Marin School of Environmental Leadership
- English, Journalism, and Social Science Teacher, Terra Linda High School
- English and Speech and Debate Teacher, San Dieguito Academy

SELECTED PUBLICATIONS:

- Contributor, *Ethos Review*, University of North Carolina
- “‘Not Another Word’: David Foster Wallace’s Negative Sublime,” ACLA Annual Conference, 2012
- “The Reflection Continuum: The Role of Reflection in Teaching,” National University Student Research Symposium, 2012

FELLOWSHIPS, HONORS, ETC.:

- Teacher of the Year, Terra Linda High School 2015
- Teacher of the Year, Terra Linda High School 2013
- Teacher of the Year, Terra Linda High School 2012

HOME INSTITUTION AND DEPARTMENT IN THE UNITED STATES:

Terra Linda High School, San Rafael, California

HOST INSTITUTION AND DEPARTMENT IN FINLAND:

To Be Determined

GRANT PERIOD:

January 2016 – March 2016



Patrick Walsh

HISTORY

Fulbright Distinguished Award in Teaching

SPECIALIZATION:

US History, Globalization

FULBRIGHT PROJECT TITLE:

Globalized Youth Online: Communication, Debate, Solutions

ACADEMIC TRAINING:

- Ph.D., History, University of Texas at Austin, May 2001
- M.A., History, California State University, Chico, with distinction, May 1994
- B.A., Practice of Art, University of California, Berkeley, May 1987

PROFESSIONAL BACKGROUND:

- 2006-Present: Catlin Gabel School, Portland, Oregon
- 2001-2006 Assistant Professor, Multidisciplinary Studies, Minnesota State University, Moorhead
- 2004-2005 Fulbright Junior Lecturer, American Studies, Universität Passau, Germany
- 2001-2002 Assistant Professor, English, Concordia College, Moorhead, Minnesota

SELECTED PUBLICATIONS:

- North America Volume Editor for *World Events* (forthcoming world history encyclopedia), Gale Cengage Learning.
- Revision editor and writer for *Bowling, Beatniks, and Bell-Bottoms: Pop Culture of 20th Century America*. Gale Cengage Learning.
- Volume Editor and Writer of Introductions, Interpretive Notes, and other supplemental materials for *Enriched Classics* series editions. Cynthia Brantley Johnson, series editor. Pocket Books. *Little Women*, by Louisa May Alcott, May 2009.
- "Grandma Moses, Thomas Kinkade and the Production of Nostalgia," in *Rebels Without a Cause? Renegotiating the American 1950s*. Ed. by Gerd Hurm and Ann Marie Fallon. London: Peter Lang, 2007.

FELLOWSHIPS, HONORS, ETC.:

- 2004-2005 Fulbright Junior Lecturing Grant in American Studies, Germany
- 2003 Faculty Development Grant, Minnesota State University Moorhead
- 2001 Nominee, Annual prize for outstanding dissertation, History, UT Austin
- 1999-2000 Walter Prescott Webb Fellowship in Southwestern History, UT Austin
- 1999 Mellon Fellowship, The Huntington Library, San Marino, California

HOME INSTITUTION AND DEPARTMENT IN THE UNITED STATES:

Catlin Gabel School 8825 SW Barnes Rd., Portland, OR, 97225

HOST INSTITUTION AND DEPARTMENT IN FINLAND:

University of Jyväskylä, Department of Teacher Education

GRANT PERIOD:

01/01/2016-01/07/2016



Carrie L. Weintraub

INTERNATIONAL RELATIONS, EUROPEAN UNION

Fulbright-Schuman Program

SPECIALIZATION:

Security and Defence Policies

FULBRIGHT PROJECT TITLE:

Swedish and Finnish Security Policies: National, Regional, and International

ACADEMIC TRAINING:

- MSc Politics and Government in the European Union, 2011, London School of Economics
- BPhil International and Area Studies and Communication and Rhetoric, University of Pittsburgh

PROFESSIONAL BACKGROUND:

- IEA Corp., Contractor for the U.S. Department of State, 2014-present
- IPT Associates, Contractor for the U.S. Department of Defense, 2012-2014
- German Marshall Fund of the United States, 2012

SELECTED PUBLICATIONS:

- Weintraub, Carrie L. 2011. "The Use of Sanctions in the Promotion of Democracy and Human Rights: A Comparative Study of the U.S. and EU, 1992-2008." *London School of Economics*.
- Weintraub, Carrie L. 2010. "Different Factors Stressed by Different Actors: EU Enlargement Policy and U.S. Foreign Policy Toward Turkey." *University of Pittsburgh*.

FELLOWSHIPS, HONORS, ETC.:

- Phi Beta Kappa, inducted 2010
- Target Corporate Scholarship, 2006
- President's Volunteer Service Award, Gold Level, 2005 and 2006

HOME INSTITUTION AND DEPARTMENT IN THE UNITED STATES:

University of Pittsburgh

HOST INSTITUTION AND DEPARTMENT IN FINLAND:

Finnish Institute of International Affairs

HOST PERSON AND/OR CONTACT AT THE DEPARTMENT IN FINLAND:

Dr. Teija Tiilikainen and Charly Salenius-Pasternak, Finnish Institute of International Affairs

GRANT PERIOD:

Finland: January – March 2016, Sweden: April – June 2016



Simon Barrad

MUSIC

U.S. Student Program

SPECIALIZATION:

Voice

FULBRIGHT PROJECT TITLE:

Laululle – To Song: A Finnish-American song exchange

ACADEMIC TRAINING:

- Master of Music – Voice, May 2015, University of Cincinnati College-Conservatory of Music
- Bachelor of Music – Vocal Performance/French Minor, May 2013, California State University, Long Beach

PROFESSIONAL BACKGROUND:

- Art song recitalist
- Regional opera roles (Cincinnati Chamber Opera, Cincinnati Chamber Orchestra, Cincinnati Opera)
- Various professional choirs (Los Angeles Bach Festival, Vocal Arts Ensemble)
- Taught voice and choir at Marina High School in Huntington Beach, CA
- Arts outreach educator

FELLOWSHIPS, HONORS, ETC.:

- Tanglewood Music Center Fellow
- Member Phi Beta Kappa

HOME INSTITUTION AND DEPARTMENT IN THE UNITED STATES:

University of Cincinnati – College-Conservatory of Music, Voice

HOST INSTITUTION AND DEPARTMENT IN FINLAND:

Helsinki Metropolia University of Applied Sciences, Classical Music
The University of the Arts Helsinki, Sibelius Academy, Voice

HOST PERSON AND/OR CONTACT AT THE DEPARTMENT IN FINLAND:

Helsinki Metropolia University of Applied Sciences – Sirkku Wahlroos-Kaitila
The University of the Arts Helsinki, Sibelius Academy – Collin Hansen

GRANT PERIOD:

August 2015- May 2016



Stephen Horvath

ENERGY TECHNOLOGY

Fulbright-Lappeenranta University of Technology Graduate Award
U.S. Student Program

SPECIALIZATION:

Storage of Renewable Energy in Biofuels

FULBRIGHT PROJECT TITLE:

Completing a Master's degree in Energy Technology: "Techno-economic Analysis of Energy Storage Methods for Renewable Energy in Biofuels"

ACADEMIC TRAINING:

- B.S. Mechanical Engineering, May 2015, United States Coast Guard Academy

PROFESSIONAL BACKGROUND:

- Sandia National Laboratories – Albuquerque, New Mexico, (June 2014)
- USCGA Peer Tutor (2012)
- Coast Guard Station Humboldt Bay, CA (2012): Qualification: Communication Watch Stander
- CGC-EAGLE: Boston, MA (2012): Helm and Lookout Watch Stander
- CGC Steadfast: Astoria, OR (2014): Basic Shipboard Damage Control Qualified

FELLOWSHIPS, HONORS, ETC.:

- Dean's List (2012 - present)
- USCGA Honors Program (2012 - present)
- Alpha Lambda Delta Honors Society (2012 - present)
- American Society for Mechanical Engineers (2014 - present)
- Superintendent's list (Spring and Fall 2012, Spring 2013, Spring and Fall 2014)
- Basic Pistol Marksmanship Qualification (2013)
- National Defense Service Ribbon (2011)

HOME INSTITUTION AND DEPARTMENT IN THE UNITED STATES:

United States Coast Guard Academy, Mechanical Engineering Department

HOST INSTITUTION AND DEPARTMENT IN FINLAND:

Lappeenranta University of Technology, Department of Energy Technology

HOST PERSON AND/OR CONTACT AT THE DEPARTMENT IN FINLAND:

Professor Esa Vakkilainen
Department of Energy Technology - Bioenergy Technology

GRANT PERIOD:

August 2015-June 2016



Stephanie Anne Jazmines

ARCHITECTURE

U.S. Student Program

SPECIALIZATION:

Traditional Building and Construction

FULBRIGHT PROJECT TITLE:

Immersion into Finnish Building Culture and Wood-Focused Craftsmanship

ACADEMIC TRAINING:

- M. Arch, Yale University, 2015
- B. Arch, University of Notre Dame, 2011

PROFESSIONAL BACKGROUND:

- Robert A.M. Stern Architects, 2011-2015
- Walt Disney Imagineering, 2010

SELECTED PUBLICATIONS:

- *The Classical Interior* | Elizabeth Dowling | Rizzoli
Thesis on Haiti, Fall 2013
- *The Architectural Capriccio* | Lucien Steil | Ashgate
Painted Capricci from Los Angeles and Rome, Winter 2012
- *Grand Central Terminal Sketchbook* | Moleskine
Freehand sketch, scheduled for November 2012

FELLOWSHIPS, HONORS, ETC.:

- Gabriel Prize Winner, 2015
- Grand Central Sketchbook Competition Winner, 2012

HOME INSTITUTION AND DEPARTMENT IN THE UNITED STATES:

Yale School of Architecture

HOST INSTITUTION AND DEPARTMENT IN FINLAND:

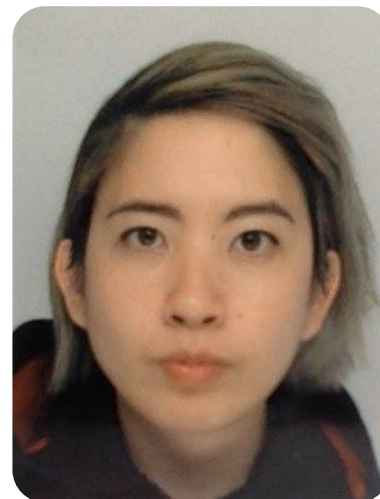
Aalto University, Department of Architecture and Design, Wood Program

HOST PERSON AND/OR CONTACT AT THE DEPARTMENT IN FINLAND:

Auli Puhakka-Autio and Pekka Heikkinen

GRANT PERIOD:

August 2015 – June 2016



Heidi Katz

ELEMENTARY EDUCATION AND ENGLISH

Fulbright-University of Turku Graduate Award

U.S. Student Program

FULBRIGHT PROJECT TITLE:

Completing a Master's degree in Learning, Learning Environments and Educational Systems

ACADEMIC TRAINING:

- BA. in Education and English, 2014, Principia College

PROFESSIONAL BACKGROUND:

- Long-Term Elementary Substitute Teacher in combined 1st/2nd Grade – Westshire Elementary, West Fairlee, VT

SELECTED PUBLICATIONS:

FELLOWSHIPS, HONORS, ETC.:

- Marina Bliss Student Teaching Award, 2014, Principia College
- Dean's List, 2011, 2013, Principia College
- Honor Roll, 2010, 2011

HOME INSTITUTION AND DEPARTMENT IN THE UNITED STATES:

Principia College, Education and English Department, Elsah, IL

HOST INSTITUTION AND DEPARTMENT IN FINLAND:

University of Turku, Education Department

HOST PERSON AND/OR CONTACT AT THE DEPARTMENT IN FINLAND:

Annukka Väre

GRANT PERIOD:

August 2015 – June 2016



Hyeong-Jin Edward Kim

MOLECULAR BIOSCIENCES

U.S. Student Program

SPECIALIZATION:

Biochemistry

FULBRIGHT PROJECT TITLE:

Completing a Master's degree in Molecular Biosciences: "Regulation of Integrin Activity by Phosphorylation"

ACADEMIC TRAINING:

B.A. in Biochemistry, 2015, Occidental College

SELECTED PUBLICATIONS:

Ferguson, M. A., Núñez, M. E., Kim, H. J. E., Goffredi, S., Shamskou, E., Faudree, L., Chang, E., Landry, R. M., Ma, A., Choi, D. E., Thomas, N., Schmitt, J., Spain, E. M. 2014. Spatially-organized films from *Bdellovibrio bacteriovorus* prey lysates. *Applied Environmental Microbiology*. AEM.02423-14. doi:10.1128/AEM.02423-14.

FELLOWSHIPS, HONORS, ETC.:

John Stauffer Charitable Trust Fellowship, 2014

Amgen Fellowship, 2013

Trustee Scholarship, 2011-2015

HOME INSTITUTION AND DEPARTMENT IN THE UNITED STATES:

Occidental College, Department of Biochemistry

HOST INSTITUTION AND DEPARTMENT IN FINLAND:

University of Helsinki, Environmental and Biological Sciences

HOST PERSON AND/OR CONTACT AT THE DEPARTMENT IN FINLAND:

Professor Carl G. Gahmberg

GRANT PERIOD:

August 2015 - June 2016



Sol Kim

GEOGRAPHY

Fulbright-CIMO Grant

U.S. Student Program



SPECIALIZATION:

Earth System Sciences

FULBRIGHT PROJECT TITLE:

Persistent High Pressure Over Finland

ACADEMIC TRAINING:

- Geography B.A., 2014, University of California, Berkeley
- Society & Environment B.S., December 2014, University of California, Berkeley

PROFESSIONAL BACKGROUND:

- Atmospheric river and closed lows research assistant for Professor Norman Miller
- Midwest drought research assistant for Professor Norman Miller, Professor Federico Castillo, and Senior Staff Scientist at the Lawrence Berkeley Laboratory Michael Wehner
- Visualization and East Asian monsoon research assistant for Professor John Chiang
- Full time intern at RPM Engineers, Inc.

FELLOWSHIPS, HONORS, ETC.:

- Recipient of the David A. Rose Scholarship for Physical Geography, 2014
- Honors Thesis in Geography at the University of California, Berkeley
- High Honors in Geography

HOME INSTITUTION AND DEPARTMENT IN THE UNITED STATES:

University of California, Berkeley; College of Letters & Science; Geography Department

University of California, Berkeley; College of Natural Resources; Society & Environment Department

HOST INSTITUTION AND DEPARTMENT IN FINLAND:

University of Helsinki; Department of Physics; Division of Atmospheric Sciences

HOST PERSON AND/OR CONTACT AT THE DEPARTMENT IN FINLAND:

Dr. Victoria Sinclair

GRANT PERIOD:

August 2015 – June 2016

Kathryn E. Lafond

EPIDEMIOLOGY

Fulbright-CIMO Grant

U.S. Student Program



of

SPECIALIZATION:

Global Health

FULBRIGHT PROJECT TITLE:

Completing a Doctoral degree in Global Epidemiology: "A Robust Global Estimate Severe Influenza Disease Burden"

ACADEMIC TRAINING:

- MPH, 2008, Emory University
- B.A., 2004, Brown University

PROFESSIONAL BACKGROUND:

Kathryn Lafond is an epidemiologist at the US Centers for Disease Control and Prevention. She works within the Influenza Division, Epidemiology and Prevention Branch, where she is involved in CDC's international influenza activities, including vaccine effectiveness and disease burden estimation.

SELECTED PUBLICATIONS:

- **Lafond KE**, Dalhatu I, Shinde V, Ekanem EE, Ahmed S, Peebles P, Kudumu M, Bynum M, Salami K, Okeibunor J, Schwingl P, Mounts A, Nasidi A, Gross D. *Notifiable disease reporting among public sector physicians in Nigeria: a cross-sectional survey to evaluate possible barriers and identify best sources of information*. BMC Health Serv Res. 2014 Nov 13;14:568.
- **Lafond KE**, Tam JS, Bresee JS, Widdowson MA. International meeting on influenza vaccine effectiveness, 3-4 December 2012, Geneva, Switzerland. *Vaccine*. 2014 Nov 20;32(49):6591-5.
- **Lafond, KE**, Englund JA, Tam JS, Bresee JS. *Overview of Influenza Vaccines in Children*. Journal of the Pediatric Infectious Diseases Society, 2013. 2(4): p. 368-378.
- McMorrow ML, Wemakoy EO, Tshilobo JK, Emukule GO, Mott JA, Njuguna H, Waiboci L, Heraud JM, Rajatonirina S, Razanajatovo NH, Chilombe M, Everett D, Heyderman RS, Barakat A, Nyatanyi T, Rukelibuga J, Cohen AL, Cohen C, Tempia S, Thomas J, Venter M, Mwakapeje E, Mponela M, Lutwama J, Duque J, **Lafond K**, Nzussouo NT, Williams T, Widdowson MA. Severe acute respiratory illness deaths in Sub-Saharan Africa and the role of influenza: a case-series from 8 countries. *J Infect Dis*. 2015 Feb 23.
- Hirve S, Krishnan A, Dawood FS, Lele P, Saha S, Rai S, Gupta V, **Lafond KE**, Juvekar S, Potdar V, Broor S, Lal RB, Chadha M. Incidence of influenza-associated hospitalization in rural communities in western and northern India, 2010-2012: a multi-site population-based study. *J Infect*. 2015 Feb;70(2):160-70.
- Chadha MS, Hirve S, Dawood FS, Lele P, Deoshatwar A, Sambhudas S, Juvekar S, **LaFond KE**, Mott JA, Lal RB, Mishra AC. Burden of seasonal and pandemic influenza-associated hospitalization during and after 2009 A(H1N1)pdm09 pandemic in a rural community in India. *PLoS One*. 2013 May 15;8(5):e55918.
- Hirve S, Chadha M, Lele P, **Lafond KE**, Deoshatwar A, Sambhudas S, Juvekar S, Mounts A, Dawood F, Lal R, Mishra A. Performance of case definitions used for influenza surveillance among hospitalized patients in a rural area of India. *Bull World Health Organ*. 2012 Nov 1;90(11):804-12.
- Nzussouo NT, Michalove J, Diop OM, Njoum R, Monteiro Mde L, Adje HK, Manoncourt S, Amankwa J, Koivogui L, Sow S, Elkory MB, Collard JM, Dalhatu I, Niang MN, **Lafond K**, Moniz F, Coulibaly D, Kronman KC, Oyfo BA, Ampofo W, Tamboura B, Bara AO, Jusot JF, Ekanem E, Sarr FD, Hwang I, Cornelius C, Coker B, Lindstrom S, Davis R, Dueger E, Moen A, Widdowson MA. Delayed 2009 pandemic influenza A virus subtype H1N1 circulation in West Africa, May 2009-April 2010. *J Infect Dis*. 2012 Dec 15;206 Suppl 1:S101-7.
- Gupta V, Dawood FS, Rai SK, Broor S, Wigh R, Mishra AC, **Lafond K**, Mott JA, Widdowson MA, Lal RB, Krishnan A. Validity of clinical case definitions for influenza surveillance among hospitalized patients: results from a rural community in North India. *Influenza Other Respir Viruses*. 2013 May;7(3):321-9.

- Sullender W, Fowler K, Krishnan A, Gupta V, Moulton LH, **Lafond K**, Widdowson MA, Lal RB, Broor S. Design and initiation of a study to assess the direct and indirect effects of influenza vaccine given to children in rural India. *Vaccine*. 2012 Jul 27;30(35):5235-9.
- Ortiz JR, **Lafond KE**, Wong TA, Uyeki TM. Pandemic influenza in Africa, lessons learned from 1968: a systematic review of the literature. *Influenza Other Respir Viruses*. 2012 Jan;6(1):11-24.

FELLOWSHIPS, HONORS, ETC.:

- Charles C. Shepard Award, Rollins School of Public Health, Emory University, 2008
- Delta Omega Honors Society, Emory University Chapter, 2008
- Fellow, Emory University Center for Health, Culture, and Society, 2005-2006

HOME INSTITUTION AND DEPARTMENT IN THE UNITED STATES:

Influenza Division, Centers for Disease Control and Prevention

HOST INSTITUTION AND DEPARTMENT IN FINLAND:

International Postgraduate Program in Epidemiology, School of Health Sciences, University of Tampere

HOST PERSON AND/OR CONTACT AT THE DEPARTMENT IN FINLAND:

Pekka Nuorti, Program Director

GRANT PERIOD:

August 2015 – June 2016

Eric Wong

ECONOMICS

U.S. Student Program

SPECIALIZATION:

Mathematical Economics, Public Economics

FULBRIGHT PROJECT TITLE:

Completing a Master's degree in Economics: "Global Competitiveness: How Finland Fares in an Increasingly Globalized World"

ACADEMIC TRAINING:

- Bachelor of Arts, May 2015, Columbia University in the City of New York – Columbia College

PROFESSIONAL BACKGROUND:

- Giant Leap Intern, Roads and Rails team, Vaisala (Boulder, CO), 06-08/2014
- College Counselling Assistant Manager, ShareWorld Learning Center, 2013-2015

FELLOWSHIPS, HONORS, ETC.:

- Columbia University Dean's List, 2011-2012
- CIMO Summer Language Course (Vaasa IIB) Travel Scholarship, 2013
- Finlandia Foundation National Scholarship 2015

HOME INSTITUTION AND DEPARTMENT IN THE UNITED STATES:

Columbia University in the City of New York, Economics Department, Math Department

HOST INSTITUTION AND DEPARTMENT IN FINLAND:

Aalto University School of Business, Department of Economics

HOST PERSON AND/OR CONTACT AT THE DEPARTMENT IN FINLAND:

Tiina Airila

GRANT PERIOD:

August 2015-May 2016



the **Fulbright**Center

2015

