Justin O. Holman
Curriculum Vitae
http://www.linkedin.com/in/jholman/

EDUCATION

University of Oregon, Eugene, OR
Ph.D. (2004), Geography (Geographic Information Science)
M.S. (1996), Geography (Geographic Information Science)

Claremont McKenna College, Claremont, CA
B.A. (1990), Philosophy and Mathematics

Northwestern University, Kellogg School, Evanston, IL
Certificate (1998), Supply Chain Management

ACADEMIC APPOINTMENTS

Colorado State University, Hasan School of Business, Pueblo, CO
Associate Professor (May 2023 - Present)
Assistant Professor (Aug 2017-May 2023)
Lecturer (Aug 2014-Aug 2017)
Adjunct Professor (Aug 2013-May 2014)

Colorado College, Department of Economics & Business, Colorado Springs, CO
Visiting Professor (Fall 2023)

Singapore Institute of Management (https://www.sim.edu.sg/), Singapore
Visiting Professor (Spring 2024)

PROFESSIONAL EXPERIENCE

Aftermarket Analytics
Chief Executive Officer (Feb 2010 – Oct 2023).
Executive director of technology services company. Lead technology development, operations and strategy. Created innovative supply chain demand forecasting and inventory planning solutions for the Automotive Aftermarket.

BioMedware, Inc.
Chief Operating Officer (Sep 2009 – Feb 2010)
Director of Technology Transfer (Oct 2007 – Sep 2009)
Project Manager, National Cancer Institute, *Methods to Identify Environmental Exposure Patterns in Satellite Imagery Data, SBIR Topic 234 Phase 1 and 2.*

NIH-CAP Program Leader. Commercialization Assistance Award from the National Institutes of Health to assist promising SBIR Phase II-funded life science companies bring their technologies to market, 2008-2009.
Managed company R&D and support team (10-12 direct reports).

MapInfo Corporation
Manager, Client Services, Strategy & Analytics (Feb 2005 – Oct 2007)
GIS, statistical modeling, location analytics, retail site selection, network planning, custom software development, strategy consulting.

U.S. Geological Survey (USGS)
Research Scientist (Dec 2002 – Feb 2005)
Geographic data analysis, spatial statistics, multidimensional data visualization, environmental modeling, climate and wildfire science.

LogicTools, Inc.
Vice President of Software Development (Jun 2000 – Mar 2003)
Senior Software Developer (May 1999 – Jun 2000)
Software Developer (May 1998 – May 1999)
Supply chain optimization, network design, logistics planning, product development, technology leadership. Acquired by iLog in 2007, IBM in 2009, Llamasoft in 2012, Coupa in 2020.

Dynamix, Inc.
Assistant Director (Oct 1996 – May 1998)
3D simulation, educational software, project management.

PEER-REVIEWED PUBLICATIONS

Holman, J.O., and Hacherl, A., (2022). Teaching Monte Carlo Simulation with Python. *Journal of Statistics and Data Science Education.* https://doi.org/10.1080/26939169.2022.2111008

Holman, J.O., and Hacherl, A., (2022). Consumer Ecoregions and the Geography of Automotive Brand Preference: An Analysis of Vehicle Registration Data. *Journal of Applied Business and Economics.* 24(3):1-9. https://doi.org/10.33423/jabe.v24i3.5188

Holman, J.O., and Hacherl, A., (2021). Consumer Ecoregions: Geographic Segmentation of the Eastern Conterminous United States of America. *Journal of Applied Business and Economics.* 23(6):161-170. https://doi.org/10.33423/jabe.v23i6.4658

Holman, J.O., (2020). Consumer Ecoregions: Geographic Segmentation of the Western Conterminous United States of America. *Journal of Applied Business and Economics.* 22(11):145-152. https://doi.org/10.33423/jabe.v22i11.3740

Holman, J.O., (2019). Teaching Simulation Methods with Google Sheets as a Gentle Introduction to Statistical Computing with Python. *Business Education Innovation Journal.* 11(2): 125-132.

Holman, J.O., (2018). Teaching Statistical Computing with Python in a Second Semester Undergraduate Business Statistics Course. *Business Education Innovation Journal.* 10(2): 104-110.

Tang, G., S.L. Shafer, P.J. Bartlein, and J.O. Holman, (2009). Effects of experimental protocol on global vegetation model accuracy: a comparison of simulated and observed vegetation patterns for Asia. *Ecological Modelling.* 220:1481-1491

Bartlein, P.J., S.W. Hostetler, S.L. Shafer, J.O. Holman, and A.M. Solomon, (2008). Temporal and spatial structure in a daily wildfire-start data set from the western United States (1986-1996). *International Journal of Wildland Fire* 17:8-17.

Hostetler S.W., Bartlein P.J., Holman J.O., (2006). Atlas of climatic controls of wildfire in the western United States. US Geological Survey Scientific Investigations Report 2006–5139.

Bartlein, P.J., S.W. Hostetler, S.L. Shafer, J.O. Holman and A.M. Solomon, (2003). The seasonal cycle of wildfire and climate in the western United States, 5th Symposium on Fire and Forest Meteorology. American Meteorological Society, pp. P3.9-1-P3.9-6

Hostetler, S.W., P.J. Bartlein, J.O. Holman, S.L. Shafer and A.M. Solomon, (2003). Using a regional climate model to diagnose climatological and meteorological controls of wildfire in the western United States, 5th Symposium on Fire and Forest Meteorology. American Meteorological Society, pp. P1.3-1 - P1.3-5.

CONFERENCE PRESENTATIONS AND INVITED LECTURES

"Consumer Ecoregions: geographic segmentation of the conterminous Eastern United States", Decision Science Institute Annual Meeting, Virtual, November 2021.

"Measuring the Impact of COVID-19 on the Automotive Aftermarket", Decision Science Institute Annual Meeting, Virtual, November 2020.

"Doubling Down on Monte Carlo: Teaching Simulation Methods with Google Sheets as a Gentle Introduction to Statistical Computing with Python", Decision Science Institute Annual Meeting, New Orleans, LA, November 2019.

"Inventory Recommendations Made Easy", AAPEX, Las Vegas, NV, November 2019.

"Teaching Statistical Computing with Python in a Second Semester Undergraduate Business Statistics Course", Decision Science Institute Annual Meeting, Chicago, IL, November 2018.

"Data Science and Technology for Inventory Optimization in the Aftermarket", AAPEX, Las Vegas, NV, October 2018.

"Consumer Ecoregions: geographic segmentation of the conterminous US", Decision Science Institute Annual Meeting, Washington D.C., November 2017.

"Shooting from Beyond the Arc: Career Strategies for Geography Graduates", Invited Lecture, University of Buffalo (SUNY), Department of Geography, March 2017.

"Big Data and Predictive Analytics in the Automotive Aftermarket", Invited Lecture, Automotive Aftermarket Supplier Association, 2015 Technology Conference, Clearwater, Florida, September 2015.

"Geospatial Careers: Opportunities for Geographers in the Private Sector", Invited Lecture, Oklahoma State University, Department of Geography, October 2013.

"Geographical Perspectives on Big Data Analytics for Business", Invited Lecture, Northwestern University, Kellogg School of Management, May 2013.

"Beyond the Ivory Tower: Preparing Geographers for Business and Private Sector Careers", Panelist, Association of American Geographers, Los Angeles, Apr 2013.

"Category Demand Estimation" Automotive Aftermarket Industry Association Fall Leadership Conference, San Francisco, Oct 2012.

"Inventory Optimization in the Automotive Aftermarket" Global Automotive Aftermarket Symposium, Chicago, May 2012.

"Inventory Optimization in the Automotive Aftermarket" Automotive Aftermarket Suppliers Association, Technology Council. Chicago, Mar 2012.

"Inventory Optimization in the Automotive Aftermarket" Automotive Aftermarket Suppliers Association, Marketing Executives Council. Chicago, Oct 2011.

"Forecasting melanoma mortality in the U.S. in response to climate change" Association of American Geographers, Seattle, Apr 2011.

"Climate Change and Skin Cancer in the Western U.S.: Using a regional climate model and geo-demographic segmentation to forecast melanoma incidence and mortality" Association of American Geographers, Washington D.C., Apr 2010.

"Geographical Data Analysis for Supply Chain Management", University of Redlands School of Business, Redlands, California, May 2005.

"The Nomad Index" Association of American Geographers, Denver, Apr 2005.

"Hierarchical controls of fire weather and fire climate in the western United States," P.J. Bartlein, S.W. Hostetler, S.L. Shafer J.O. Holman, and A.M. Solomon, American Geophysical Union Fall Meeting, San Francisco, Dec 2004.

"Visualizing wildfire and climate data in the Western United States" Holman, J.O., Bartlein, P.J., and Hostetler, S.W., Association of American Geographers, Philadelphia, Mar 2004.

"The seasonal cycle of wildfire and climate in the western United States" Bartlein, P.J., S.W. Hostetler, S.L. Shafer, J.O. Holman, and A.M. Solomon, 2nd International Wildland Fire Ecology and Fire Management Congress, and 5th Symposium on Fire and Forest Meteorology American Meteorological Society, Orlando, Nov 2003.

"Using a regional climate model to diagnose climatological and meteorological controls of wildfire in the western United States" Hostetler, S.W., P.J. Bartlein, J.O. Holman, S.L. Shafer, and A.M. Solomon, 2nd International Wildland Fire Ecology and Fire Management Congress, and 5th Symposium on Fire and Forest Meteorology American Meteorological Society, Orlando, Nov 2003.

TEACHING

Awards:
- University Award for Excellence in Teaching *Finalist* (2021)
- Hasan School of Business Dean's Award for Excellence in Teaching (2020)
- University Award for Excellence in Teaching *Finalist* (2020)
- Associated Student Government Outstanding Faculty Award (2018)
- University Award for Excellence in Teaching (2017)
- Student's Choice Award for Outstanding Business Faculty (2016)

Courses Taught and Evaluation Scores (out of 5):

Academic Term	Course Num	Title	New	Secs	Enrolled	Avg
2013 Fall	BUSAD 265	Inferential Statistics		1	44	3.9
2014 Spring	BUSAD 360	Advanced Statistics		1	32	4.7
2014 Fall	BUSAD 265	Inferential Statistics		2	68	4.7
2014 Fall	BUSAD 360	Advanced Statistics		2	48	4.7
2015 Spring	BUSAD 360	Advanced Statistics		3	92	4.7

2015 Fall	BUSAD 265	Inferential Statistics		2	93	4.6
2015 Fall	BUSAD 360	Advanced Statistics		2	50	4.8
2016 Spring	BUSAD 360	Advanced Statistics		3	93	4.6
2016 Fall	BUSAD 265	Inferential Statistics		2	74	4.7
2016 Fall	ECON 491	Real Estate Economics	1	1	30	4.6
2017 Spring	BUSAD 360	Advanced Statistics		2	80	4.7
2017 Spring	ECON 491	Geography of World Economy	1	2	36	4.7
2017 Fall	BUSAD 265	Inferential Statistics		2	64	4.7
2017 Fall	ECON 491	Real Estate Economics		1	25	4.9
2018 Spring	BUSAD 360	Advanced Statistics		2	79	4.6
2018 Spring	ECON 320	Geography of World Economy		1	30	4.9
2018 Fall	BUSAD 265	Inferential Statistics		2	68	4.7
2018 Fall	ECON 325	Real Estate Economics		1	44	4.8
2019 Spring	BUSAD 360	Advanced Statistics		2	76	4.8
2019 Spring	ECON 320	Geography of World Economy		1	41	4.9
2019 Fall	BUSAD 265	Inferential Statistics		2	98	4.8
2019 Fall	ECON 325	Real Estate Economics		1	38	4.9
2020 Spring	BUSAD 360	Advanced Statistics		2	93	4.8
2020 Spring	ECON 320	Geography of World Economy		1	46	4.9
2020 Summer	FIN 591	Real Estate Investments	1	1	9	5.0
2020 Fall	BUSAD 360	Advanced Statistics		1	41	4.6
2020 Fall	BUSAD 360	Advanced Statistics OL	1	1	23	4.6
2020 Fall	BUSAD 591	Managerial Analytics	1	1	19	4.5
2020 Fall	CIS 490	Special Project	1	1	1	5.0
2021 Spring	BUSAD 360	Advanced Statistics		2	53	4.8
2021 Spring	ECON 320	Geography of World Economy		1	24	4.8
2021 Fall	BUSAD 360	Advanced Statistics		1	17	4.9
2021 Fall	BUSAD 560	Managerial Analytics		1	11	4.5
2021 Fall	ECON 325	Real Estate Economics		1	12	4.8
		Total	6	52	1652	160.6
		Average		1.5	49	4.7
		Standard Deviation		0.6	28	0.2
		Median		1	44	4.7

UNIVERSITY SERVICE

- Faculty Senate (2018-2023)
- General Education Board (2018-2021)
- Hasan School of Business Curriculum Committee (2018-2023)
- *Chair*, Hasan School of Business Curriculum Committee (2022-2023)
- Curriculum and Academic Programs Board (2021-2023)
- *Faculty Senate Rep.*, Curriculum and Academic Programs Board (2022-2023)

CONSULTING CLIENTS (in alphabetical order)

ABC Supply, Advance Auto Parts, Affinia Group, BBB Inc., Brake Parts Inc., CARQUEST, Danone, Darden Restaurants, Dayco, DRiV, Federal Mogul, Full Throttle Technologies, General Mills Inc., HD Supply, Helzberg Diamonds, Home Depot, Hughes Supply, Intalytics, Intermatic, IBM, Les Schwab Tires, Llamasoft, Lockheed Martin, Locus, Mevotech, Motor Car Parts of America, Newel Rubbermaid, New York & Company, Nobel Learning Communities, Opex Analytics, PVH Inc. (Calvin Klein), Remy International, Rich's Foods, Sainsbury's (UK), Summit Education Group, TCGPlayer, Tenneco, United Airlines, White Cap, White Wave Foods.

OTHER ACTIVITIES

Varsity Tennis Team, Claremont-Mudd-Scripps, NCAA Division-III, 1987-1988.

Board of Directors, Oregon Daily Emerald Publishing Company, 2003-2005

SBIR Review Panel, Population Sciences and Epidemiology (PSE) Integrated Review Group, Center for Scientific Review, National Institutes of Health, 2009.

Detroit Free Press Marathon, Finisher. Fundraising efforts resulted in donation of over $3,000 for Pancreatic Cancer research in honor of former colleague, 2011.

Publisher of "Geographical Perspectives" blog with >2.0 million pageviews since original publication in March 2012. http://justinholman.com

Traveled to 23 countries in Europe, Africa, Asia and Latin America. Speak conversational German, elementary Spanish.

Assistant Coach, Girls Varsity Tennis Team, The Colorado Springs School, 2022-2023.