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I welcome you to also view my interactive online portfolio available at: www.leonmach.com

EMPLOYMENT

- Aug 2019 – present Associate Professor, **School for Field Studies, Bocas del Toro Panama**
- Jan 2017 – Aug 2019 Resident Lecturer, **School for Field Studies, Bocas del Toro Panama**
- 2014 – present Co-Founder and Director of Academic Programs, **Sea State Educational Travel,**
Encinitas, California
- 2014 – 2015 Associate Director, **Center for Surf Research, San Diego State University** and
Research Specialist/Adjunct Professor, **School of Hospitality and Tourism**
Management, San Diego State University
- 2010 – 2014 Teaching Assistant, **College of Arts and Sciences, Energy and Environmental Policy**
Program, University of Delaware, Newark
- 2009 – 2010 Instructor (14-day wilderness and leadership courses), **Outward Bound, Costa Rica**

EDUCATION

UNIVERSITY OF DELAWARE, NEWARK, DE
Ph.D. in Environmental Policy, 2014

AMERICAN UNIVERSITY, WASHINGTON D.C.
M.A. International Affairs, 2009

UNIVERSITY FOR PEACE, COSTA RICA
M.A. in Natural Resources & Sustainable Development, 2008

McDANIEL COLLEGE, WESTMINSTER, MD
B.A. Economics & Poly Sci., 2005

RESEARCH INTERESTS

International and Sustainable Development
Tourism Destination Governance
Sustainable Indigenous Tourism
Coastal Recreation Resource Management
Protected Areas Governance
Tourism Management / Sustainable Tourism
Surf Tourism

TEACHING EXPERIENCE

SCHOOL FOR FIELD STUDIES, PANAMA – JAN 2017 - PRESENT

SFS 3000 Tourism in Island Systems: Assessing Sustainable Practices
SFS 4910 Directed Research and Field Research Methods
SFS 3020 Environmental Policy and Socioeconomic Values

WESTERN STATE COLORADO UNIVERSITY (Credit issuing body, for Sea State study abroad courses)

BUAD 397 Adventure Tourism and Sustainability

SAN DIEGO STATE UNIVERSITY

HTM 404 Cross-cultural Perspectives in Tourism

TEACHING ASSISTANTSHIPS (UNIVERSITY OF DELAWARE, NEWARK)

ENEP 250 Introduction to Energy & Environmental Policy (John Byrne)
ENEP 424 Sustainable Energy Policy and Planning (John Byrne)
ENEP 425/635 Energy Policy and Administration (Young-doo Wang)

SELECTED PUBLICATIONS

FORTHCOMING

Mach, L., & Ponting, J. (In Press). Ocean Sports and Sustainable Development Goal 14. In B. McCullough, T. Kellison, & N. Melton (Eds.), *Routledge Handbook of Sport and Sustainable Development*. Routledge.

Mach, L., Connors, J., Uerling, C., Plante, S., Lechtman, B. (In Press). *Are locals invited to the party? Assessing the impacts of party tourism on local stakeholders*. Anatolia.

Pinkus, A., Tapia, D., Brown, D., & **Mach, L.** *Understanding demand for Indigenous-led tourism experiences in Bocas del Toro, Panama*. Manuscript submitted for publication.

JOURNAL ARTICLES AND BOOK CHAPTERS

Mach, L. (2021). Surf tourism in uncertain times: Resident perspectives on the sustainability implications of COVID-19. *Societies*, 11(3).

Mach, L. & Ponting J. (2021). Establishing a pre-COVID-19 baseline for international surf tourism: Trip expenditure and attitudes, behaviors and willingness to pay for sustainability. *Annals of Tourism Research Empirical Insights*.

Funari, A., Gates, R., Lopez, O., & **Mach, L.** (2021). Sustaining Indigenous Tourism in Bocas del Toro, Panamá: An assessment of Indigenous tour operator's and hotel management's perspectives. In P.

Choudhary, & S. Walia (Eds.), *Community Based Tourism Management: Concepts, Issues & Implications*. Routledge.

Mach, L., Winner, C., Rojas, C., & Klemond, M. (2020) Protected area entry fees and governance quality, *Tourism Management*, 77. DOI: 10.1016/j.tourman.2019.104003.

Mach, L. (2019) Surf-for-development: An exploration of sport-for-development program recipient perspectives in Lobitos, Peru. *Journal of Sport and Social Issues*, 43(6), 438-461. DOI: 10.1177/0193723519850875.

Mach, L. & Vahradian, D. (2019). Tourists want to be spooked, not schooled: Sustaining Indigenous Tourism in the Bastimentos Island National Marine Park. *Journal of Ecotourism*. DOI: 10.1080/14724049.2019.1585439

Mach, L. & Ponting, J. (2018). Governmentality and surf tourism destinations governance. *Journal of Sustainable Tourism*, 26(11), 1845-1863. DOI: 10.1080/09669582.2018.1513008.

Scott, C., & **Mach, L.** (2018). The role of research and training institutions in tourism destination governance in Bocas del Toro. In D. Suman, & A. K. Spalding (Eds.), *Coastal resources of Bocas del Toro, Panama: Tourism and development pressures and the quest for sustainability* (pp. 105-132). Coral Gables, FL: University of Miami.

Mach, L., Ponting, J., Brown, J., & Savage, J. (2018). Riding waves of intra-seasonal demand in surf tourism: analysing the nexus of seasonality and 21st century surf forecasting technology. *Annals of Leisure Research*, DOI: 10.1080/11745398.2018.1491801

Mach, L. (2017). Surfing in the technological era. In D. Borne, & J. Ponting (Eds), *Surfing and Sustainability* (pp. 41-71). New York: Routledge.

Mach, L., & Ponting, J. (2017). A nested socio-ecological systems approach to understanding the implications of changing surf-reef governance regimes. In D. Turner, & S. Carnicelli (Eds), *Lifestyle Sports and Public Policy*. New York: Routledge.

Byrne, J., **Mach, L.**, Taminiu, J., & Wang, Y. 2014. The promise of the green energy economy. In J. Byrne, & YD. Wang (Eds), *Secure and Green Energy Economies*. New Brunswick, New Jersey: Transaction Publishers.

Mach, L. (2014). *From the Endless Summer to the Surf Spring: Technology and Governance in Developing World Surf Tourism*. Dissertation, University of Delaware, Center for Energy and Environmental Policy.

Budishack, C., Sewell, D., Thomson, H., **Mach, L.**, Veron, D., and Kempton, W. (2013). Cost-Minimized Combinations of Wind Power, Solar Power and Electrochemical Storage, Powering the Grid up to 99.9% of the Time. *Journal of Power Sources*. Volume 225, Pages 60-74, DOI: 10.1016/j.jpowsour.2012.09.054.

CONFERENCE PARTICIPATION

SELECTED PRESENTATIONS

“Are locals invited to the party? Assessing the impact of party tourism on local stakeholders in Bocas del Toro, Panama.” The Caribbean International Tourism Conference, University of the West Indies, Barbados, December 11-13, 2019.

“Surf tourism destination governance in Bocas del Toro, Panama: Understanding how actors in the surf tourism system shape destination development.” National Environment and Recreation Research Symposium, Annapolis, MD, April 7-9, 2019.

“Assessing the role of entry fees in protected area governance: A qualitative stakeholder analysis in Bocas del Toro, Panama.” National Environment and Recreation Research Symposium, Annapolis, MD, April 7-9, 2019.

“Defining communities and their differences: Sustaining Indigenous tourism in Bocas del Toro, Panama.” American Association of Geographers Annual Meeting, Washington DC, April 3-7, 2019.

“Surf tourism destination governance: Bridging critical and normative theory using a Foucauldian governmentality framework.” Critical Tourism Studies-Asia Pacific Conference, Yogyakarta, Indonesia, March 4-6, 2018 (abstract accepted).

“Bat Cave Tourism in Bocas del Toro, Panama: Can tourists be spooked into financing community development in protected areas?” Awarded \$3,000 to present at the Conference on Sustainable Tourism in Small Island Developing States, Seychelles, November 22-24, 2017.

“The Socio-psychology of Surf Tourism Destination Governance.” Presented at San Diego State University Sustainable Stoke Conference. San Diego, California, September 20, 2015.

“Understanding Tourism Motivations and Impacts in India.” Presented in Thane India, Activists and Academicians Round table, January 16, 2013.

“From the Endless Summer to the Surf Spring: Assessing Surf Tourism Governance in the Techno-sphere.” Presented in Newark DE, University of Delaware Graduate Student Forum, May 12, 2012.

RELEVANT CERTIFICATIONS, AWARDS & SKILLS

CERTIFICATIONS

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| 2021 | Wilderness Advanced First Aid, Base Medical |
| 2014 | Higher Education Teaching Certification, Center for Teaching and the Assessment of Learning, University of Delaware Newark
Completed courses in Student Learning (UNIV-600), Pedagogy (UNIV-601)
Faculty Roles in Higher Education (UNIV602), and Teaching with Technology (UNIV603). |

SELECTED AWARDS & FUNDING

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| 2021 | Institute of International Education/Council for International Exchange of Scholars recommendation for Fulbright U.S. Scholar award (Sri Lanka 2021-2022). |
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- 2021 USAID Economic Competitiveness Project (Grant #075-2021) Sustainability Certification of Two Surf Destinations in El Salvador (\$98,000).
- 2019 School for Field Studies Office of Academic Affairs Professional Development Award (\$2,500).
- 2017 School for Field Studies Undergraduate Research Facilitation Grant “Stakeholder assessment of tourism benefits in the Isla Bastimentos Marine Protected Area” (\$8,000).
- 2016 Kalu Yala Institute, Panama, Outdoor Recreation Master Plan Development and Curriculum Consultation Award (\$18,000).
- 2014 Center for Energy & Environmental Policy Leadership Award (\$4,000).
- 2014 University of Delaware Professional Development Award – Funding to present at the Interdisciplinary Tourism Research Conference in Istanbul, Turkey (\$5,000).
- 2012-2013 University of Delaware Faculty Senate Excellence in Teaching Award Nomination
- 2013 Lilly Conference for College & University Teaching & Learning Travel Fellowship (\$2,000).
- 2013 University of Delaware Residence Life Recognition for Positive Impact in Students’ Lives (Student Voted).
- 2013 University of Delaware Office of Graduate and Professional Education Academic Advancement Travel Award, Mumbai, India (\$3,500).
- 2012 University of Delaware Center for Energy and Environmental Policy Leadership Award (\$5,000).
- 2011-2013 University of Delaware College of Engineering Teaching Fellowship (\$50,000).
- 2010-2011 University of Delaware Research Fellowship (\$16,500).
- 2011 Office of Graduate and Professional Education: Global Research Travel Award, Lobitos, Peru (\$5,000).
- 2007-2009 American University School of International Service Academic Scholarship (\$20,000).

SKILLS

- Languages Spanish (Near-fluent), Greek (Basic, Learning), Bahasa Indonesian (Basic, Learning).
- Computer High proficiency with PC and Mac programs (Word Perfect, Microsoft Word, Excel, SPSS, PowerPoint, Dedoose, Terradotta, AtlasTi, Endnote, EViews 9, ArcGIS 10.1, Photoshop, PageMaker).
Familiarity with Internet Programs (web publishing, WordPress, html language, on-line teaching software).