

- Curriculum Vitae -

**TIMOTHY BRYAN NORRIS**

11/29/2017

Otto G. Richter Library 319 – University of Miami  
1300 Memorial Drive, Coral Gables, FL 33146  
[tnorris@miami.edu](mailto:tnorris@miami.edu) – 831-607-9905

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**ACADEMIC APPOINTMENTS**

- 2017 – Visiting Assistant Librarian Professor, Research Data Scientist. Otto G. Richter Library and the Center for Computational Science, University of Miami.
- 2014 – 2017 Council of Library and Information Resources Postdoctoral Fellow in Data Curation for the Sciences and Social Sciences, Otto G. Richter Library and the Center for Computational Science, University of Miami.

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**EDUCATION**

- 2014 Ph.D. Environmental Studies, University of California at Santa Cruz.
- 2011 M.A. Environmental Studies, University of California at Santa Cruz.
- 1996 B.A. Environmental Sciences, University of California at Berkeley.

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**PUBLICATIONS AND WORKS IN PRINT**

**Peer reviewed**

- 2017 Norris, T. and T. Suomela “Information in the Ecosystem: Against the ‘information ecosystem.’” *First Monday* 22(9). <http://dx.doi.org/10.5210/fm.v22i19.6847>.
- 2017 Mitrani, V., O’Day, J., Norris, T. and W. Adebayo. “The Development and Dissemination of an English/Spanish Measures Library to Facilitate Health Disparities Research.” *Journal of Nursing Scholarship* [early online view]. <http://doi.org/10.1111/jnu.12321>.
- 2017 Norris, T. “Public Participation GIS, Participatory GIS and Participatory Mapping,” in Barney Warf (ed.) *Oxford Bibliographies in Geography*. New York: Oxford University Press. <http://www.oxfordbibliographies.com/view/document/obo-9780199874002/obo-9780199874002-0160.xml>
- 2016 Norris, T. “Shared Social License: Mining and Conservation in the Peruvian Andes.” *Antipode* 49(3), 721-741. <http://dx.doi.org/10.1111/anti.12300>.
- 2014 Norris, T. “Bridging the Great Divide: state, civil society, and participatory approaches to conservation mapping in a resource extraction zone.” *Applied Geography* 54(2014), 262-274. <http://dx.doi.org/10.1016/j.apgeog.2014.05.016>.
- 2013 Bury, J. and T. Norris. “Rocks, Rangers and Resistance: Mining and Conservation Frontiers in the Cordillera Huayhuash,” in Bebbington, A., and J. Bury, (eds.), *Subterranean Struggles: New Dynamics of Mining, Oil, and Gas in Latin America*. UT Press, Austin.

- 2010 Wang, Y, M. Kakegawa, and T. Norris. “Biodiesel,” in P. Robbins, D. Mulvaney, J. Geoffrey, (eds.), *Green Energy*. Sage Publications, Thousand Oaks, California. <http://dx.doi.org/10.4135/9781412971850.n10>.
- 2001 Klaus A. and Norris T. “ArrierosAlife a Multi-Agent Approach Simulating the Evolution of a Social System: Modeling the Emergence of Social Networks with Ascape.” *Journal of Artificial Societies and Social Simulation*. <http://jasss.soc.surrey.ac.uk/>.

### **In preparation for review**

- Norris, T. “Problems in “Participatory” Research: questions of legitimacy, democracy and the *campesino* voice in water quality conflicts in the Andes.” Target journal: *Water International*.
- Norris, T. and J. Bury. “Conservation and the Commons? Communal-Private Conservation in the Cordillera Huayhuash, Perú.” Target journal: *Conservation and Society*.

### **Data**

- 2016 Norris, T. and G. Escobar. Datos de Productividad y Biodiversidad de los Pastos en la Cordillera Huayhuash de los Andes Peruanos (2010-2011) [data set and EML]. Knowledge Network for Biocomplexity. <http://dx.doi.org/10.5063/F1HD7SK1>.
- 2015 Norris, T. Cordillera Huayhuash Water Quality 2010-2011 [data set and data dictionary]. UC Santa Cruz. <http://dx.doi.org/10.7291/D11592>.

### **Book review**

- 1998 Norris T. Maya on the Map. *Natural History Magazine*, April.

### **Gray literature (selected)**

- 2016 Norris, T., and S. Shreeves. “Data Curation Initiative: 2015-16 Report and Recommendations” University of Miami Libraries. Miami, FL.
- 2015 Norris, T. “Excellence in Teaching” [blog post]. *Re.Thinking Blog*, Council on Library and Information Resources (CLIR). <http://connect.clir.org/blogs/tim-norris/2016/01/15/excellence-in-teaching>.
- 2014 Norris, T. “Morality in Information Ecosystems” [blog post]. *Re.Thinking Blog*, CLIR. <http://connect.clir.org/blogs/tim-norris/2014/09/18/morality-in-information-ecosystems>.
- 2013 Norris, T. and W. Federman. “Contour What? Using topographic maps in Google Earth,” Santa Cruz-Watsonville Inquiry-Based Learning in Environmental Sciences (SCWIBLES). <http://scwibles.ucsc.edu/2015/11/05/contour-what/>.
- 2013 Norris, T. and W. Federman. “My Digital Watershed: analyzing watersheds in Google Earth.” SCWIBLES. <http://scwibles.ucsc.edu/2015/11/05/my-digital-watershed/>.
- 2013 Norris, T. and W. Federman. “The California Water Puzzle: freshwater distribution around California.” SCWIBLES. <http://scwibles.ucsc.edu/2015/11/05/the-california-water-puzzle/>.
- 2013 Norris, T. and W. Federman. “Where’s my Phone? Using GPS to learn about location on the Earth’s surface.” SCWIBLES. <http://scwibles.ucsc.edu/2015/11/05/wheres-my-phone/>.
- 2011 Norris, T. and G. Escobar. “Informe del Primer Etapa: Categorización de la Zona Reservada Cordillera Huayhuash (Diciembre 2011),” Centro Desarrollo Huayhuash y la Comisión Técnica: Categorización de la Zona Reservada Cordillera Huayhuash (SERNANP), Lima, Perú.

- 2011 Norris, T. “Informe Seguimiento al Proyecto de Exploración Diablo Mudo: Nevado No 1 y Nevado No 2,” Centro Desarrollo Huayhuash, Huaraz, Perú.
- 2011 Norris, T. and G. Escobar. “Nuevos Espacios de Conservación en los Andes: Reporte Final de Resultados del Proyecto Calidad de Aguas 2011,” Centro Desarrollo Huayhuash y la Comisión Técnica: Categorización de la Zona Reservada Cordillera Huayhuash (SERNANP), Lima, Perú.
- 2011 Escobar, G and T. Norris. “Nuevos Espacios de Conservación en los Andes: Reporte Final de Resultados del Proyecto Agrostología 2011,” Centro Desarrollo Huayhuash y la Comisión Técnica: Categorización de la Zona Reservada Cordillera Huayhuash (SERNANP), Lima, Perú.
- 2011 Norris, T. “Plan de Trabajo,” Comisión Técnica: Categorización de la Zona Reservada Cordillera Huayhuash (SERNANP), Lima, Perú.
- 2010 Norris, T. “Nuevos Espacios de Conservación en los Andes: Reporte Final de Resultados del Proyecto Calidad de Aguas 2010,” Centro Desarrollo Huayhuash, Huaraz, Perú.
- 2010 Escobar, G and T. Norris. “Nuevos Espacios de Conservación en los Andes: Reporte Final de Resultados del Proyecto Agrostología 2010,” Centro Desarrollo Huayhuash, Huaraz, Perú.
- 2010 Norris, T. “Protocolo de Monitoreo y Vigilancia Ambiental Para Calidad de Aguas.” Centro Desarrollo Huayhuash. Huaraz, Peru.
- 2010 Escobar, G. and T. Norris. “Protocolo de Monitoreo y Vigilancia Ambiental Para Calidad de Pastos Naturales.” Centro Desarrollo Huayhuash. Huaraz, Peru.
- 2005 Norris, T. Defining Private Conservation. *Peripheria*, October, Huaraz, Perú.
- 2004 Norris, T. AAC Leaders and Sections Fund Huandoy Rescue Effort. *The American Alpine News*, American Alpine Club, Page 30, Volume 11, Number 244, Winter.

**Maps (selected)**

- 2017 Norris, T. “Cordillera Blanca: Sur – 1:100,000” [map]. Nawi Maps, Huaraz.
- 2017 Norris, T. “Cordillera Blanca: Norte – 1:100,000” [map]. Nawi Maps, Huaraz.
- 2016 Norris, T. “Peru: Extraction and Conservation” [map], in “Shared Social License: Mining and Conservation in the Peruvian Andes.” *Antipode* e early view]. <http://dx.doi.org/10.1111/anti.12300>
- 2016 University of Miami Libraries and University of Miami School of Architecture. “Hometown Maps: Where in the world do architects come from?” [web map application] [Co-creator with Gilda Santana, Abraham Parrish, and Yi Li] <http://scholar.library.miami.edu/hometownmaps/>.
- 2014 Norris, T. “Conservation Zoning: Cordillera Huayhuash Reserved Zone” [map], in “Bridging the Great Divide: state, civil society, and participatory approaches to conservation mapping in a resource extraction zone.” *Applied Geography* 54(2014), 262-274. <http://dx.doi.org/10.1016/j.apgeog.2014.05.016>.

- 2011 Norris, T. “Centro Desarrollo Huayhuash – Mapas” [web map mashup], in *Centro Desarrollo Huayhuash* [web page], Centro Desarrollo Huayhuash, Huaraz, Perú. <http://cdhuayhuash.org/mapas>.
- 2011 Norris, T. “Buscador de Calles” [web map mashup], in *Lima2000 – No Te Pierdas* [web page], Lima2000, Lima, Perú. <http://www.lima2000.com/buscador.php>.
- 2011 Norris, T. *La Cordillera Blanca* [map] 1:60,000. California Café, Huaraz, Peru
- 2011 Norris, T. *La Cordillera Huayhuash* [map] 1:100,000. California Café, Huaraz, Perú.
- 2005 Norris, T. “Machu Picchu” [3d map], in Walker, B., *The Birds of Machu Picchu and the Cusco Region*. Nuevas Imagenes S.A., Lima, Perú.
- 2003 Norris, T. “The Cordillera Blanca” [map] 1:400,000, in Johnston, B., *Classic Climbs of the Cordillera Blanca*. Mountain Press, Boulder CO. [this also included a series of 3D maps, one for each of the twelve massifs in the range]
- 2003 Norris T. and V. Cautivo *Homestay Tourism in Humacchuco/Turismo Vivencial en Humacchuco* [map booklet for tourism promotion]. The Mountain Institute, Lima, Perú.
- 2000 Norris T. Die Sechstausander der Cordillera Blanca / Peru [map] 1:400,000, in Feichtenschlager, *Die Sechstausander der Cordillera Blanca / Perú*, Hotel Andino, Huaraz.
- 2000 Nietschmann, B., T. Norris, R. Rose, and M. Roswell (Eds.). *The Coral World* [map] 1:28,510,000. National Geographic Committee for Research and Exploration, Washington D.C.
- Other Media Types (selected)**
- 2016 University of Miami Libraries. “Research Data Services.” Libraries, University of Miami. [web page]. <http://library.miami.edu/datacuration/>. [content author]
- 2016 The Center of Excellence for Health Disparities Research; El Centro. “Measures Library.” School of Nursing and Health Studies, University of Miami. [web page]. [http://www.miami.edu/sonhs/index.php/elcentro/research/measures\\_library/](http://www.miami.edu/sonhs/index.php/elcentro/research/measures_library/). [tech advisor]
- 2015 Norris, T. “New Spaces of Conservation in the Andes.” National Geographic en Español. [3 minute video] <http://www.ngenespanol.com/exploracion/exploradores/15/04/10/un-esfuerzo-por-elbienestardehuayhuash.html>.
- 2015 Norris, T. “The University of Miami Data Curation Initiative” University of Miami [9 minute video] [https://umiami.mediaspace.kaltura.com/media/The+University+of+Miami+Data+Curation+Initiative/1\\_f5rjl97v](https://umiami.mediaspace.kaltura.com/media/The+University+of+Miami+Data+Curation+Initiative/1_f5rjl97v).
- 2015 Norris, T. “New Spaces of Conservation in the Andes.” Self-published. [11 minute video] <https://www.youtube.com/watch?v=Ev3QKQftj0I>.
- 2004 Norris, T. et al. “El Centro Desarrollo Huayhuash.” El Centro Desarrollo Huayhuash [web page]. <http://cdhuayhuash.org/>.
- 1997 Toledo Maya Cultural Council. *The Maya Atlas*. North Atlantic Books, Berkeley, California. [cartographer, book design, and project manager]

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## GRANTS, AWARDS AND FELLOWSHIPS

- 2017 ACCelerate: ACC Smithsonian Creativity and Innovation Festival. National Museum of America History – Smithsonian Institution, Washington DC, October 13-15. Selected presenter with Adib Cure, Carrie Penabad, Chris Mader and Amin Sarafraz.
- 2016 International Digital Curation Conference. Best poster for “Data Curation Mountain: stories from the summit.”
- 2012 – 2013 National Science Foundation GK-12 DGE-0947923 SCWIBLES fellowship (Santa Cruz-Watsonville Inquiry Based Learning in Environmental Studies), \$30,000.
- 2011 – 2012 UC Santa Cruz Environmental Studies Teaching Assistant of the Year, \$150.
- 2012 UC Santa Cruz Environmental Studies Department Research Grant, \$522.
- 2009 – 2012 National Science Foundation Graduate Research Fellowship (Social Sciences-Geography). *New Conservation Spaces in the Andes*, \$90,000.
- 2011 UC Santa Cruz Environmental Studies Department Research Grant, \$1,000.
- 2009 – 2010 National Geographic Society Conservation Trust: *New Conservation Spaces in the Andes*. Grant C171-09, \$17,870.
- 2009 UC Santa Cruz Environmental Studies Department Travel Grant, \$996.
- 2007 – 2009 Regents Fellowship at UC Santa Cruz, \$25,000.
- 2006 – 2007 Antamina development/conservation grant. A second seed grant for the Huayhuash Development Center (see volunteer service below), \$5,000.
- 2005 Global GreenGrants seed grant. The first seed grant for the Huayhuash Development Center – Grant 50-550 (see volunteer service below), \$5,000.
- 2000 National Geographic Society Committee for Research and Exploration: *The Cortez Dance*. Grant 6818-00. \$1,500.

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## INVITED TALKS

- 2016 Norris, T. “Threes: research data services.” Valley Library, Oregon State University, Corvallis OR. March 8<sup>th</sup>.
- 2015 Norris, T. “Something new Under the Sun: Emerging roles of the Science and Engineering Librarian in supporting the current and future teaching and research.” Paterno Library, Pennsylvania State Universities, State College PA. November 25<sup>th</sup>
- 2015 Norris, T. “Expanding Career Opportunities for Ph.D.s” (panel member). Center for the Humanities, University of Miami, Miami FL. September 25<sup>th</sup>.
- 2015 Norris, T. “Sustainability and the Information Ecosystem: building bridges with geospatial data at UCANR” University of California Agriculture and Natural Resources Informatics and GIS program, Davis, California. June. 9<sup>th</sup>.

- 2014 Norris, T. “Open Access: complexity, inter-dependency and the re-invention of knowledge creation, publication and libraries.” University of Miami Libraries, Richter Library. March 27<sup>th</sup>.
- 2014 Norris, T. “Environmental Studies and the “New” Geography.” Environmental Studies Seminar, St. Mary’s College of Maryland. March 24<sup>th</sup>
- 2013 Norris, T. “Beyond Maps: GIS data discovery and library information systems.” Stanford University Libraries – Branner Library. June 11<sup>th</sup>.
- 2010 Norris, T. “An International Dilemma: The Tragedy of the Commons and International Environmental Law” (panel member). Duke University's Student International Discussion Group. Feb. 12<sup>th</sup>.

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### CONFERENCES AND OTHER PRESENTATIONS

- 2017 Cure, Adib, Carie Penebad, Chris Mader, Timothy Norris, and Amin Sarafraz. “Digital Mapping of Informal Settlements.” ACCelerate Creativity and Innovation Festival, National Museum of America History – Smithsonian Institution, Washington DC, October 13-15.
- 2017 Norris, T. “Cadastral Mapping in Peru: evolution and bifurcation of rights to land in rural Peru.” Latin American Studies Association, Lima, Peru, April 28-30.  
<https://tibbten.github.io/lasa2017/>.
- 2017 Norris, T. “School of Data.” Research Data Access and Preservation Summit, Seattle, April 19-21. <https://tibbten.github.io/rdap2017/>.
- 2017 Norris, T. “Perú, Property and Persuasion: the evolution of legal frameworks for conservation and extraction in Perú.” American Association of Geography, Boston, April 5-9. <https://tibbten.github.io/aag2017/>.
- 2016 Norris, T. and T. Suomela “Information in the Ecosystem: exploring open data and its socio-environmental outcomes.” American Association of Geography, San Francisco, Mar 29-Apr 2.
- 2016 Norris, T. “Data Curation Mountain: stories from the summit. [poster]” International Digital Curation Centre, Amsterdam, Feb 23-25. [first place in poster competition]  
[http://www.dcc.ac.uk/sites/default/files/documents/IDCC16/75\\_data\\_curation\\_mountain.pdf](http://www.dcc.ac.uk/sites/default/files/documents/IDCC16/75_data_curation_mountain.pdf)
- 2016 Fish, L. and T. Norris. “Communities, Collaboration and Conversation: Building blocks for data curation.” Annual Atmospheric Science Librarians International Conference – American Meteorological Society, New Orleans LA. January 13-15.
- 2015 Norris, T. “Contested “Citizen Science” and Problems in “Participatory” Research: Questions of legitimacy, democracy, and the *campesino* voice in water quality conflicts in the Andes.” Latin American Studies Association, San Juan, Puerto Rico. May 30<sup>th</sup>.
- 2015 Norris, T. “Private Conservation or Peoples Parks: the emergence of voluntary private conservation in the communities of the Cordillera Huayhuash, Peru.” American Association of Geography, Chicago. Apr. 21<sup>st</sup>.

- 2015 Fish, L. and T. Norris. “Embracing the Research Data Curation Challenge: A Library’s Journey with a CLIR Postdoctoral Fellow.” Annual Atmospheric Science Librarians International Conference – American Meteorological Society, Phoenix AZ. January 8<sup>th</sup>.
- 2013 Norris, T. “Mapping the Great Divide: state, civil society, and participatory mapping in the Peruvian Andes.” American Association of Geography, Los Angeles. April 10<sup>th</sup>.
- 2012 Norris, T. “Mining and Conservation in Perú: Commodification across vertical boundaries in the Cordillera Huayhuash of the central Peruvian Andes.” American Association of Geography, New York. February 27<sup>th</sup>.
- 2011 Norris, T. “Propuesta de Zonificación – Zona Reservada Cordillera Huayhuash.” Ministry of the Environment, Lima, Perú. November 21<sup>st</sup>.
- 2009 Norris, T. “New Conservation Spaces in the Andes: Conflicts between National and Private Protected Areas.” American Association of Geography, Las Vegas. March 22<sup>nd</sup> to 27<sup>th</sup>.
- 2003 Norris, T. I facilitated approximately 50 outreach/development workshops in rural communities in the Cordillera Huayhuash of the Central Peruvian Andes (2003-2011). This work includes nearly fifteen regional and national level workshops/presentations.

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#### **CAMPUS OR DEPARTMENT TALKS**

- 2015 Norris, T. “Data Curation from a Non-Librarians Perspective.” Richter Library, University of Miami, Miami FL. September 23<sup>rd</sup>.
- 2014 Norris, T. “The Data Management Challenge: wrangling geospatial data in the research environment.” GIS Day, University of Miami Libraries, Richter Library. November 19<sup>th</sup>.
- 2014 Norris, T. “Data Curation.” Places and Spaces: Mapping Science, University of Miami. November 17<sup>th</sup>.
- 2014 Norris, T. “The New Peruvian Experiment: private conservation, tourism, and mining in the Cordillera Huayhuash of the Peruvian Andes.” Richter Library, University of Miami. November 6<sup>th</sup>.
- 2013 Norris, T. “The New Peruvian Experiment: private conservation, tourism, and mining in the Cordillera Huayhuash of the Peruvian Andes.” Environmental Studies Seminar, University of California, Santa Cruz. Oct. 21<sup>st</sup>.

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#### **TEACHING**

##### **University of Miami**

###### *Courses designed and taught:*

- 2016 – 2017 “Data Management in the Research Environment.” Graduate seminar. Rosenstiel School of Marine and Atmospheric Science. *Evaluations available on request.*

###### *Invited lectures:*

- 2017 “Method and GIS.” School of Architecture. <https://tibbben.github.io/GISMethod/>.
- 2015 – 2017 “The Data Management Challenge: wrangling research data in the research environment.” Various departments.
- 2015 “Land Reform in Latin America.” Off the Map: Learning from the Informal City. School of Architecture.

*Software Carpentry*

- 2016 Programming in R: University of Miami, March 14-15 2016  
2016 Programming in Python: Florida International University, September 12-13 2016

**University of Rochester**

- 2015 21<sup>st</sup> Century Skills - Digital Humanities Institute for Mid-Career Librarians: Data Curation and Metadata for Visual and Material Culture [*faculty instructor*]

**University of California Santa Cruz (Environmental Studies)**

*Adjunct professor:*

- 2014 GIS and Environmental Applications. Environmental Studies. *Evaluations available on request.*

*Instructor:*

- 2012 Cartography Workshop. Center for Integrated Spatial Research. Env. Studies

*Invited Lectures:*

- 2014 “Primitive Accumulation in the Andes” in Institutions, Environment and Economic Systems. Environmental Studies.  
2011 “Cartography” in GIS and Environmental Applications. Env. Studies.  
2010 “Maps and struggles over alternative visions of the future” in Introduction to Anthropology. Anthropology  
2008 “Community-based mapping and development” in Latin American Development. Environmental Studies.  
2008 “Map Projections” in GIS and Environmental Applications. Env. Studies.

*Teaching assistantships: Environmental Studies: Evaluations available on request.*

- 2014 Institutions, Environment and Economic Systems.  
2014 Ecology and Society. Guest lecture: “That Which is Proper: property”  
2013 World Env. History. Guest Lecture: “Guns, Germs and Steel: a critique”  
2012 The Physical and Chemical Environment.  
2012 Sustainable Agriculture.  
2009 Environmental Policy and Econ. Guest lecture: “Environmental Sustainability”  
2007 – 2008 GIS and Environmental Applications.

**Watsonville High School, Watsonville CA**

- 2012 – 2013 *SCWIBLES fellow and science mentor:* Inquiry based learning science adviser.

**Universidad de San Antonio de Mayolo (Huaraz, Perú)**

- 1999 – 2000 *Instructor:* Diseño Gráfico (graphic design).

**UC Berkeley:**

- 1999 *Invited lecture:* “3-D Cartography and KPT Bryce” in Cartography. Geography.

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**RESEARCH**

- 2016 – Research Associate: “Pulley Ridge: Population connectivity of the Pulley Ridge – South Florida coral reef ecosystem: processes to decision-support tools” under Chris Mader, Center for Computational Science, University of Miami.  
2014 – Project Lead: “The Data Curation Initiative” with University of Miami Libraries Elizabeth Fish, Associate Dean of Collections and Scholarly Communication, and Sarah Shreeves, Associate Dean of Digital Strategies.



- 2009 – 2012 Project lead and principal investigator: “New Conservation Spaces in the Andes” with UCSC Environmental Studies in partnership with SERNANP (the National Park Service of Perú).
- 2008 Research assistant: “New Geographies of Extractive Industries in Latin America” under Dr. Jeffery Bury, UCSC Environmental Studies.
- 2001 – 2008 Independent research: Assessor to the Huayhuash Development Center (NGO)
- 2000 Research assistant: “Arrieros Alive: a multi-agent approach simulating the evolution of a social system” under Klaus Auer, University of Cologne.
- 2000 Principal investigator: “The Cortez Dance” (Independent research – NGS CRE).
- 1996 – 2000 Production manager, research assistant and cartographer: *The Coral World*, *The Maya Atlas*, “Mattaponi Atlas”, “Shoshone Newe Sogobia” under the late Dr. Bernard Nietschmann, UC Berkeley Geography.
- 1998 – 1999 Research assistant: “Nutrient Dynamics and Wind Related Tree Fall in Southeast Alaska” under Ph.D. candidate Mark Cramer, Oregon State University Forestry.

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## PROFESSIONAL SERVICE

### *Manuscript Review:*

*Journal of Artificial Societies and Social Simulation (JASSS)*

*Water International – International Water Resources Association*

*Journal of Applied Geography*

*Energy and Environment Specialty Group – American Association of Geographers*

*Third World Quarterly*

*Conservation and Society*

### *Fellowship Application Review:*

*Council for Library and Information Resources Postdoctoral Fellowship Program*

### *Conference Organization:*

2017 Research Data Access and Preservation (RDAP) fundraising committee member.

2017 Latin American Studies Association session organizer: *History of Cartography and the Cartographies of History in Peru*.

2017 American Association of Geographers Meeting session organizer: *The Conservation-Extraction Conundrum*.

### *Association Roles*

2017 – Conference for Latin Americanist Geographers (CLAG) - Communication Coordinator

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## DEPARTMENTAL SERVICE

### University of Miami

Curator – “Antillean Visions” (participatory mapping) – Lowe Art Museum (2017-18)

GIS librarian Search Committee – Libraries (Fall 2014)

### University of California at Santa Cruz

Environmental Studies Graduate Committee – graduate representative (2010 and 2012)

Political Ecology Working Group – co-organizer (2009)

Small Foundations – co-organizer of panel group for the Graduate Seminar (2008)

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## PROFESSIONAL AFFILIATIONS

- 2007 – Association of American Geographers (AAG)
- 2008 – Conference of Latin Americanist Geographers (CLAG)
- 2014 – Latin American Studies Association (LASA)
- 2014 – Council of Library and Information Resources (CLIR)
- 2016 – Research Data Access and Preservation (RDAP)
- 2016 – Association for Information Science and Technology (ASIS&T)

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## PROFESSIONAL TRAINING AND DEVELOPMENT

- 2016-17 Research Data Access & Preservation Summit, Atlanta GA and Seattle WA.
- 2016 Digital Humanities – Digital Journalism Symposium, Miami FL.
- 2016 Software Carpentry Instructor Training, University of Florida, Gainesville, FL.
- 2015-16 International Digital Curation Center Annual Meeting, London UK and Amsterdam, NL.
- 2014-15 Digital Library Federation Forum, Atlanta GA and Vancouver BC.
- 2014 Coalition for Networked Information Winter Meeting, Washington DC.
- 2014 Council for Library and Information Resources Fellows Bootcamp, Bryn Mawr College, Philadelphia PA.

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## PROFESSIONAL EXPERIENCE

- 2014 – 2016 Data Curation Postdoctoral Fellow: University of Miami Libraries, Miami, FL.
- 2007 – GIS architect: Lima2000, Lima, Perú. <http://lima2000.com/buscador.php>.
- 2009 Facilitator/Consultant: Private Conservation Area in Llamac, Ancash, Perú.
- 2008 – 2009 Cartography-GIS technician: Resource Conservation District: Santa Cruz, CA.
- 2007 Facilitator/Consultant: Private Conservation Area Jirishanca, Huanuco, Perú.
- 1996 – 2008 Cartographer and GIS technician: UC-IUCRP, Berkeley, CA.
- 1996 – Cartography and GIS services: Nawi Maps (sole proprietor), Oakland, CA.

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## IN THE NEWS

- 2017 Bell, M. “Celebrating Innovation and Creativity in Our Nation's Capital” <http://news.miami.edu/stories/2017/10/celebrating-innovation-and-creativity-in-our-nations-capital.html>
- 2015 Pinedo, E. “Montaña Unida, Jamás Vencida.” National Geographic en Español, Mayo. <http://www.ngenespanol.com/exploracion/exploradores/15/05/5/montana-unida-jamasvencida/>.
- 2015 Pinedo, E. “Educación Para Conservar.” National Geographic Traveler en Español, Junio.

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## LANGUAGES

English is my mother tongue. I speak Spanish fluently (both professionally and socially). I can understand and speak a *little* German, Portuguese, French, and Quechua.

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## BUSINESS VENTURES

- 1996 – Sole proprietor of “Nawi Maps” <http://nawimaps.com/>.
- 1999 – Sole proprietor of “longRoad Records” (hobby) <http://huaylas.com/lr/>.
- 2001 – Co-owner (with my wife) of the “California Café” <http://huaylas.com/>.

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## SOFTWARE/DATA LITERACY

Operating systems: Mac/PC/Linux (various flavors).  
GIS: ArcGIS for Desktop/ArcGIS for Server/ArcGIS Online/ArcGIS  
AppBuilder/MapServer/MapInfo/MatLab/QGIS/GDAL/OGR. Familiar with  
GRASS/ERDAS Imagine/PostGIS  
Database: MySQL/PHP/MapServer. Familiar with PostgreSQL/MongoDB  
Scripting and programming: Python/PHP/Java/Perl/R. Familiar with ZEND, Ruby.  
Design and production: Adobe CS/Photoshop/Illustrator/Premiere  
Statistics: R/NVivo/Origin/SPSS. Familiar with JMP.  
Web: HTML/Javascript/CSS/XML/KML/JSON/GeoJSON/Apache server/AMP stacks.  
Familiar with tomcat/NginX/XSLT/jetty/SOLR/MEAN stacks.  
Javascript libraries: leaflet.js, storymap.js, lightbox.js, google maps API, reveal.js, chart.js,  
node/angular, three.js, jQuery.  
Development environments: familiar with NetBeans/WebStorm  
3D design: Familiar with Blender, Maya, AutoCAD, Sketchup, MeshLab, Visual SFM  
Content management systems: WordPress, Omeka, familiar with Scalar  
Libraries: familiar with metadata standards MARC, DC, FGDC; basic understanding of  
repository software such as Fedora, DSpace, Solr/Lucene, Blacklight,  
ContentDM; familiar with DMP tools.  
Bucket List: D3.js, VM software and emulation, OpenGeoPortal, Hydra, GeoBlacklight,  
Hadoop, NoSQL, SPARQL, Protégé, Ramadda, HBase,

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## VOLUNTEER SERVICE

- 2016 – Software Carpentry instructor. <http://software-carpentry.org/>
- 2014 – USA swimming official: Starter/Stroke and Turn Judge (sanctioned swim meets).
- 2010 – 2013 Soccer coach: Santa Cruz City Youth Soccer Club (SCCYSC)
- 2013 Judge: Westlake Elementary School Science Fair (Santa Cruz County).
- 2004 – Ultimate frisbee pick-up game founder: <http://bit.ly/1TbA2EP>
- 2003 – Assessor: Huayhuash Development Center (Huaraz, Peru). <http://cdhuayhuash.org/>.
- 1997 – 1999 Steering committee member: Borneo Project (Berkeley CA) <http://borneoproject.org/>