

Ava R. Fujimoto-Strait

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Personal Information:

Date and Place of Birth: October 30, 1975; Hilo, Hawaii

Professional Affiliations: Association of American Geographers
Southeast Division of the Association of American Geographers
Gamma Theta Upsilon - International Geography Honors Society
Golden Key National Honors Society

Education:

- 1997-1999 **Master of Arts in Geography.** University of Georgia (Athens, Georgia) – GPA 3.92
Emphasis: Biogeography; Advanced Quantitative Techniques
Master's Thesis: A Comparison of Soil Physical Properties in an Old-Growth and Late Second-Growth Forest in Southern Appalachia
- 1993-1997 **Bachelor of Science in Geography, Biological Sciences Minor, and a Certificate in Cartography.** University of Maryland – Baltimore County (Baltimore, Maryland) – GPA 3.5
Emphasis: Biogeography; Environmental Geography; Cartographic and Geographic Information System Techniques; Remote Sensing; Ecology
- 1989-1993 **High School Diploma and Certificate of Merit.** Richard Montgomery High School (Rockville, Maryland)

Major Areas of Academic Interest:

Biogeography	past and present studies of plant and animal distributions across the Earth's surface, endemism, dispersal and evolution, and conservation management
Environmental Conservation	human-environment interaction, social and cultural views in relation to environmentalism, and political impacts on the environment
Forestry and Soil Science	forest-soil dynamics, forest ecology, and management of forest systems
Human/Cultural Geography	economic and demographic changes, and geography of race, ethnicity, and gender
Geographic Techniques	statistical, cartographic, remote sensing, and GIS techniques as applied to human-environment studies

Professional Employment/Experience:

- 2006-present **Instructor of Geography**, Sam Houston State University, Huntsville, Texas.
-Instructor for **Weather and Climate** (GEOG 1401)
-Instructor for **Internet People, Place and Environment** (GEOG 1321 - Internet)
-Instructor for **People, Place and Environment** (GEOG 1321)
-Instructor for **Environmental Geography** (GEOG 2301)
-Instructor for **Hawaii Field Studies Course** (GEOG 4075)
-Coordinator for **Weather and Climate Labs** (GEOG 1401 Lab)
- 2011-present **Adjunct Instructor of Geography**, Lone Star College – University Park, Tomball, Texas.
-Instructor for **Internet World Geography** (GEOG 1303 - Internet)
- 2004-present **Instructor of Geography**, Louisiana Delta Community College, Monroe, Louisiana.
-Instructor for **Internet Cultural Geography** (GEOG 202-Internet)
-Instructor for **Internet Physical Geography** (GEOG 205 – Internet)
- 2003-2006 **Instructor of Geography**, Louisiana Tech University – Barksdale Air Force Base, Louisiana and Ruston, Louisiana.
-Instructor for **World Regional Geography** (GEOG 210)
-Instructor for **Cultural Geography** (GEOG 205)
-Instructor for **Physical Geography** (GEOG 203)
-Instructor for **Remote Sensing and Aerial Photogrammetry** (FOR 317)
- 2002-2003 **Research Assistant**, Climate Change Research Center, University of New Hampshire, Durham, New Hampshire.
-Research on extreme precipitation events – GIS database and analysis for New England
-Grant writing and assistance with research and publishing
-Assist State Climatologist with data requests, archiving climate data, and conferences
- 2001-2003 **Adjunct Professor for Geography**, Geography Department, University of New Hampshire, Durham, New Hampshire and Manchester, New Hampshire.
-Adjunct Professor for **Environmental Geography** (GEOG 673), fall semester
-Adjunct Professor for **Biogeography** (GEOG 573), spring semester
-Adjunct Professor for **Introduction to Weather** (GEOG 473), summer semester
- 2001 **Adjunct Professor for Geography**, Natural Sciences Department, Longwood College, Farmville, Virginia.
-Adjunct Professor for **Elements of Geography** (GEOG 201), summer semester
- 2001 **Adjunct Professor for Geography**, Education Department, Randolph-Macon Woman's College, Lynchburg, Virginia.
-Adjunct Professor for **Survey of World Geography** (GEOG 203), spring semester
- 1999-2001 **Physical Science and Earth Science Teacher**, Fuqua School, Farmville, Virginia.
-Middle School Teacher for Physical and Earth Science (7th and 8th grade)
-Varsity and Junior Varsity Cross-Country Coach (Fall 1999, Fall 2000)
-Envirothon Team Coach
- 1999 **Adjunct Professor for Geography**, Social Science Department, Emmanuel College, Franklin Springs, Georgia.
-Adjunct Professor for **World Regional Geography** (GEOG 301), summer semester

- 1999 **Discussion Coordinator**, Department of Geography, University of Georgia, Athens, Georgia.
 -Coordinator for discussion sections of **Introduction to Human Geography**
- 1997-1999 **Teaching Assistant**, Department of Geography, University of Georgia, Athens, Georgia
 -Discussion instructor for **Environmental Geography** (GEOG 1125), 4 quarters
 -Discussion instructor for **Introduction to Human Geography** (GEOG 1101), 2 semesters
- 1996-1997 **Cartographic Intern**, Department of Geography, University of Maryland - Baltimore County, Baltimore, Maryland.
 -Mapped Patapsco State Park (using Canvas and Adobe Illustrator)
 -Edited an atlas (physiographic and geologic maps of the United States)
 -Field work using various field equipment

Awards and Distinctions:

- August 2014 Sam Houston State University's College of Science Adjunct Faculty Teaching Excellence Award, Huntsville, Texas
- March 1999 University of Georgia's Outstanding Teaching Assistant Award, University of Georgia, Athens, Georgia
- March 1999 University of Georgia, Department of Geography's Outstanding Teaching Assistant Award, University of Georgia, Athens, Georgia
- May 1997 Outstanding Graduating Senior Award in Geography, University of Maryland, Baltimore County
- May 1997 UMBC Alumni Outstanding Undergraduate Award, University of Maryland, Baltimore County
- May 1997 Graduated cum laude - University of Maryland, Baltimore County
- 1993-1997 Maryland State Senatorial Scholarship

Research and Scholarly Activities:

- Strait, J.B. and A. R. Fujimoto-Strait, 2014. *The Mixed Plate: A Cultural and Environmental Exploration of the Big Island of Hawaii*. Submitted to *Geographical Teacher*.
- Strait, J.B. and A. R. Fujimoto-Strait, 2014. *A Cultural Field Studies Course on the Big Island of Hawaii*. Presented at the Southeast Division of the Association of American Geographers Conference, Athens, Georgia.
- Netoff, D. et al., 2014. *eWeather and Climate* (textbook). 7th edition. START Group. Huntsville, Texas.
- Fujimoto-Strait, A. R., 2014. *A Hilo-Born Biogeographer*. Presented at the NSF-funded PURE Math Workshop, University of Hawaii, Hilo, Hawaii.
- Strait, J. B. and A. R. Fujimoto-Strait, 2014. *The Mixed Plate – Understanding the Cultural and Environmental Diversity of the Big Island of Hawaii*. Presented at the Association of American Geographers Conference, Tampa, Florida.
- Netoff, D. and A. R. Fujimoto-Strait, 2014. *Weather and Climate* (lab manual). 2nd edition. START Group. Huntsville, Texas.

Fujimoto-Strait, A. R., 2013. *The Cultural and Physical Geography of Hawaii*. Presented at the Texas Geographic Education ESCR Region IV Conference, Huntsville, Texas.

Fujimoto-Strait, A. R., 2013. *Subsaharan Africa: The Diffusion of HIV/AIDS*. Presented at the Texas Geographic Education ESCR Region IV Conference, Huntsville, Texas.

Fujimoto-Strait, A. R. and B. D. Keim, 2002. *Using GIS to Understand Worldwide Trends in Extreme/Heavy Precipitation Events*. Presented at the Southeast Division of the Association of American Geographers Conference, Richmond, Virginia.

Keim, B. D. (P.I.) and A. R. Fujimoto-Strait, 2001. *Mapping World-Wide Trends and Variability in Extreme/Heavy Precipitation Events*. Submitted to National Science Foundation, Geography and Regional Sciences, for \$130,956 from September 2003 to August 2005, not funded.

Fujimoto, A. R., 2000. *Comparison of Soil Physical Properties Between an Old-Growth and Mature Second-Growth Forest in Southern Appalachia*. Presented at the Association of American Geographers Conference, Pittsburgh, Pennsylvania.

Professional References:

Dr. Brian Cooper, Professor of Geology, Department of Geography and Geology. Sam Houston State University, Huntsville, Texas.
(936) 294-1566 email address: bjcooper@shsu.edu

Dr. Barry D. Keim, Professor of Geography and LA State Climatologist, Department of Geography, Louisiana State University, Baton Rouge, Louisiana, 70803
(225) 578-6170 email address: keim@lsu.edu

Dr. Albert J. Parker, Emeritus Professor of Geography, Department of Geography, University of Georgia, Athens, Georgia, 30602
(706) 542-2856 email address: ajparker@uga.edu

Dr. Eugene S. Parker, Professor and Chair of Geography, Department of Geography and Environmental Systems, University of Maryland, Baltimore County, Baltimore, Maryland, 21250
(410) 455-2002 email address: eparker@umbc.edu