

Susan Alexandra Crate, Ph. D.

Associate Professor of Anthropology
Department of Environmental Science and Policy
George Mason University, David King Hall, MS 5F2
Fairfax, Virginia 22030
tele: 703-993-1517
fax: 703-993-1066
<http://mason.gmu.edu/~scrate1>

home: 3803 Tedrich Blvd
Fairfax, Va 22031

email: scrate1@gmu.edu

Research and Teaching Interests

- ◆ Environmental Anthropology, Human Ecology, Cultural & Political Ecology, Sustainability Research
- ◆ Climate Change, Indigenous Knowledge, Community Sustainability, Globalization
- ◆ Subsistence Economies, Sustainable Development, Environmental Justice
- ◆ Ethnography, Oral History, Community Participatory, Qualitative and Quantitative Research Methods
- ◆ Northern Siberia, Russia, Arctic and Sub-arctic, Circumpolar North

Employment Chronology

Aug 2010- date	Associate Professor of Anthropology George Mason University, Department of Environmental Science and Policy
Aug 2004- July 2010	Assistant Professor of Anthropology George Mason University, Department of Environmental Science and Policy
Aug 2002- July 2004	Postdoctoral Fellow, Havighurst Center for Russian and Post-Soviet Studies Miami University of Ohio, Geography and Environmental Science

Education

1997-2002	Ph.D. in Ecology, The University of North Carolina at Chapel Hill, Curriculum in Ecology Dissertation title: <i>Cows, Kin & Capitalism: The Cultural Ecology of Vilini Sakha in the Post-Socialist Era</i> Defended 17 December 2001, Graduated 21 May 2002
1989-1994	M. A. in Folklore, The University of North Carolina at Chapel Hill, Curriculum in Folklore Masters thesis title: <i>Dance of Life, Circle of Life: Ahyokhai as the Sakhas' Emergent Ethnic Voice</i>
1988-1991	Intensive Russian Language & Culture Studies Kharkov State University, Kharkov, Ukraine, Aug 1990-Feb 1991 Moscow State University, Moscow, Russia, Summer, 1989 Zaporozhye Institute, Zaporozhye, Ukraine, Summer, 1988
1979-1983	Warren Wilson College, Swannanoa, North Carolina B. A. in Environmental Studies, with a concentration in education

Awards and Support

2010-13 **National Science Foundation, Division of Cultural Anthropology.** Cultural Models, Community Adaptation and Climate Change for the Chesapeake Bay, **S Crate, PI \$19,000.**

- 2009-12 **National Science Foundation, Office of Polar Programs, Arctic Systems Science Program.** Understanding Climate-Driven Phenological Change - Observations, Adaptations and Cultural Implications in Northeastern Siberia and Labrador/Nunatsiavut (PHENARC) **S. Crate, P.I. \$640,000.**
- 2007-10 **National Science Foundation, Office of Polar Programs, Arctic Social Science Program grant 0710935** Assessing Knowledge, Resilience & Adaptation and Policy Needs in Northern Russian Villages Experiencing Unprecedented Climate Change. **S. Crate, P.I. \$342,000.**
- 2009 **National Science Foundation, Arctic Social Science/** for organization of circumpolar workshop in Climate Change and Indigenous Agency, Oulu Finland, May 2009, \$25,000 *pending*.
- 2003-06 **National Science Foundation, Arctic Social Science Program grant 0532993:** "Investigating the Economic and Environmental Resilience of Viliui Sakha Villages: Building Capacity, Assessing Sustainability, Gaining Knowledge." **S. Crate, P.I. \$90,000.**
- 2006-08 **Chesapeake Watershed Cooperative Ecosystem Studies Unit/National Park Service grant 105792** Development of a spatially explicit participatory model to explore anthropogenic on-site threats on rare aquatic resources of the Potomac Gorge" **co-PI. \$130,000.**
- 2007-08 **Sustainability Across the Curriculum 2-day GMU Faculty Workshop** Jan 16 & 17 2007/ Jan 14 & 15, 2008. Planned, Fund-raised, solicited participants, and facilitated 2-day workshop for GMU faculty from across departments to develop syllabi embracing the ethic of sustainability. **\$20,000 (2007) \$12,000 (2008).**
- 2005-06 **Chesapeake Watershed Cooperative Ecosystem Studies Unit/National Park Service** Managing the impacts of surrounding land uses on the rare biotic resources of the Potomac Gorge **co-PI. \$11,000.**
- 2006-date **University Life Faculty Fellowship** awarded for the continued coordination of a university-wide Task Force to facilitate faculty, students and staff to address campus greening. **\$4000.**
- 2001-02 **Social Science Research Council Dissertation Write-Up Fellowship:** Funding to write dissertation, 2001-2002 academic year.
- 2001 **Latane Interdisciplinary Summer Research Grant:** Funding for 2-months of research in Alaska.
- 2000-01 **American Association of University Women (AAUW) Dissertation Write-up Award:** Funding to write dissertation, 2000-2001 academic year.
- 2000 **Smith Graduate Research Fund Grant.** Funding for the collection of data for dissertation.
- 1999-00 **National Science Foundation Dissertation Improvement Award:** Funding for dissertation research.
- 1999-00 **Fulbright-Hays Doctoral Research Abroad Award:** Funding for dissertation research.
- 1999-00 **Social Science Research Council International Dissertation Field Research Fellowship:** Funding for dissertation research.
- 1999-00 **International Research & Exchange Board (IREX) Individual Advanced Research Award:** Funding for dissertation research.
- 1999-00 **Foreign Language & Area Studies Slavic, Eurasian & East European Fellowship:** (declined).
- 1999-00 **United States Information Agency Regional Scholar Exchange Program Award:** (declined).
- 1996-97 **John D. & Catherine T. MacArthur Foundation:** Funding for the Indigenous Policy Research Project.
- 1994-95 **John D. & Catherine T. MacArthur Foundation:** Funding for the Viliui Environmental Education Project.
- 1993-94 **International Research and Exchange Board (IREX) On-Site Language Training Grant:** Funding to learn the Sakha (Yakut) Language.

Research Experience

- 2010-13 **Cultural Models, Community Adaptation and Climate Change for the Chesapeake Bay.** Collaboration with two other anthropologists to develop cultural models in three Eastern Shore stakeholder groups.
- 2009-12 **Understanding Climate-Driven Phenological Change - Observations, Adaptations and Cultural Implications in Northeastern Siberia and Labrador/Nunatsiavut (PHENARC).** Interdisciplinary project to gauge the anthropological and historical climatological ramification of phenological change in native settlements of NE Siberia, Russia and Labrador, Canada.
- 2007-10 **Assessing Knowledge, Resilience & Adaptation and Policy Needs in Northern Russian**

- Villages Experiencing Unprecedented Climate Change.** Community-based research project focusing on understanding local perceptions and cultural implications of global climate change in native Arctic communities.
- 2003-06 **Investigating the Economic and Environmental Resilience of Viliui Sakha Villages: Building Capacity, Assessing Sustainability, Gaining Knowledge.** Four-village applied research project to develop, assess, and implement local indigenous models of sustainability.
- 2001 **A Preliminary Comparative Analysis of Alaskan and Sakha Villages.** Two month project working in Alaska with village members and tribal councils comparing contemporary issues.
- 1999-00 **The Cultural Ecology of a Post-Socialist Society: The Case of Viliui Sakha.** Dissertation research to investigate how Viliui Sakha agropastoralists are adapting in the post-Soviet context on a household food production level.
- 1996-97 **Diamonds for the Sakha: An Indigenous Policy Research Project.** Directed a two-year project with indigenous specialists investigating local response to diamond mining activity.
- 1994-95 **Viliui Environmental Education Project.** Directed a two-year project with indigenous specialists establishing an environmental education center and resource guide.
- 1993-94 **On-Site Language Training.** Participated in 9-month Sakha language immersion.
- 1990-92 **Ethnographic Field Research.** Participated in field research projects with local ethnographers documenting the songs, stories, dances, and material culture of the Buryat, Tuvan, Ukrainian, Evenk, and Sakha peoples.
- 1991 **Photographer.** Documented the cultural and natural heritage of Lake Baikal and participated as one of four contributing photographers to Sierra Club book *Baikal: The Sacred Sea of Siberia*.

Publications

Books:

2009 *Anthropology and Climate Change: From Encounters to Actions*. (ed) Walnut Creek: Left Coast Press.

2006 *Cows, Kin and Globalization: An Ethnography of Sustainability*. Walnut Creek: Alta Mira Press.

Peer-Reviewed Journal Articles:

2011 Climate and Culture: Anthropology in the Era of Contemporary Climate Change. *Annual Review of Anthropology* 40(1): 175-194. doi: 10.1146/annurev.anthro.012809.104925.

2011 A Political Ecology of *Water in Mind*: Attributing Perceptions in the Era of Global Climate Change. *Weather, Climate and Society*. Vol 3 (publication date July 2011)

2008 Gone the Bull of Winter: Grappling with the Cultural Implications of and Anthropology's Role(s) in Global Climate Change. *Current Anthropology*, 49(4).

2008 Eating Hay: The Ecology, Economy and Culture of Viliui Sakha Smallholders of Northeastern Siberia. *Human Ecology*. 36:161-174.

2008. Walking Behind the Old Women: Sacred Cow Knowledge in the 21st Century. *Human Ecology Review* 15(2):115-129

2007 Cows and Kin: Innovations and Issues in Post-Soviet Indigenous Communities. *IJARGE*. 6 (6): 679-692.

2006 Investigating Local Definitions of Sustainability in the Arctic: Insights from Post-Soviet Villages, *Arctic*. 115-131.

2006 Elder Knowledge and Sustainable Livelihoods in Post-Soviet Russia: Finding Dialogue Across the Generations. *Arctic Anthropology*. 43(1):40-51.

2006 *Obuokai*: A Unique Integration of Social Meaning and Sound, *Journal of American Folklore*. 119(472): 161-183.

2003 Russia in the Circumpolar North, with Mark Nuttall, *Polar Geography*, 27(2) (April-June 2003): 85-96.

2003 Viliui Sakha Adaptation: A Subarctic Test of Netting's Smallholder Theory. *Human Ecology*, 31(4): 499-528.

2003 The Great Divide: Contested Issues of Post-Soviet Viliui Sakha Land Use. *Europe-Asia Studies*, 55(6):869-888.

2002 Co-option in Siberia: The Case of Diamonds & the Vilyuy Sakha. *Polar Geography*, 26(4): 289-307.

2002 Viliui Sakha Oral History: The Key to Contemporary Household Survival. *Arctic Anthropology* 39(1): 134-154.

Peer-Reviewed Book Chapters:

2011 Integrating Local and Scientific Knowledge about the Regional Effects of Global Climate Change. Course Reader eBooks. Belmont: Wadsworth Cengage Learning.

2011 Water, Water Everywhere: Perceptions of Chaotic Water Regimes in NE Siberia in Barbara Rose Johnston, et al.

- (eds.) Water, Cultural Diversity & Environmental Change: Challenges for a Sustainable Future. UNESCO International Hydrological Programme and Springer Publishing (Paris and Amsterdam), forthcoming 2011.
- 2011 Climate and Cosmology: Exploring Sakha Belief and the Local Effects of Unprecedented Change in North-Eastern Siberia, Russia in Gerten, Dieter, ed. Religion in Environmental and Climate Change: Suffering, Values, Lifestyles. London: Continuum Books: 175-199.
- 2010-Climate Change, Culture Change and Human Rights in Northeastern Siberia, In Johnston, Barbara Rose, ed. *Life and Death Matters*, 2nd Edition. Walnut Creek: Left Coast Press.
- 2009 Following Netting: The Cultural Ecology of Viliui Sakha Households in Post-Soviet Siberia in Bates, Daniel and Judith Tucker, eds. Human Ecology: Contemporary Research and Practice, Berlin: Springer Academic, in press.
- 2009 Climate Change and Culture, In Lopes, Priscila and Alpina Begossi, eds. *Current Trends in Human Ecology*, Newcastle upon Tyne: Cambridge Scholars Publishing: 35-57.
- 2009 Climate Change and Viliui Sakha: Encountering Culture. In Susan A. Crate and Mark Nuttall, eds. *Anthropology and Climate Change: From Encounters to Actions*. Walnut Creek, Ca: Left Coast Press: 139-152.
- 2009 Viliui Sakha of Sub-arctic Russia and their Struggle for Environmental Justice In Julian Agyeman and Yelena Ogneva-Himmelberger, eds. *Environmental Justice and Sustainability in the Former Soviet Union*, Cambridge: MIT: 189-213.
- 2008 Indigenous people, mining and the environment in Russia. In Ciaran O'Faircheallaigh and Saleem Ali, eds. *Earth Matters: Indigenous Peoples, the Extractive Industries and Corporate Social Responsibility*. Sheffield, UK: Greenleaf: 222-244.
- 2004 The Gendered Nature of Viliui Sakha Post-Soviet Adaptation, in *Post-Soviet Women Encountering Transition*. Baltimore: John Hopkins University Press, pp. 127-145.

Peer-Reviewed Multiple Authorships:

- 2010 Chapter 6: Contact with Nature, **Susan Crate**, Bruce Forbes, Leslie King & Jack Kruse. In Larsen, Joan and Peter Schweitzer, eds. *Arctic Social Indicators I (ASI-I)*. Copenhagen: Nordic Council of Ministers.
- 2009 Prasad, Vivek, Monique Helfrich and **Susan Crate**. Social Capital as a Source of Adaptive Capacity to Climate Change in Developing Countries, *The International Journal of Climate Change: Impacts and Responses* 1(3): 149-161.
- 2009 Prasad, Vivek, Monique Helfrich and **Susan Crate**. What principles and priorities of climate change adaptation need to be integrated into development protocols to make it successful and why? *International Journal of Climate and Development*.
- 2006 Huntington, Henry (lead), **Susan Crate**, et al. ICARP II Working Group I: Arctic Economies and Sustainable Devel: http://aosb.arcticportal.org/icarp_ii/science_plans/Science%20Plan%2001%20_%20%20ICARP%20II.pdf

Popular Journals:

- 2011 We are going Underwater: Siberian Villagers Show the World What Global Climate Change Means. *Natural History*, May 2011.

NGO journals:

- 2003 The Legacy of the Viliui Reindeer Herding Complex. *Cultural Survival Quarterly*, 27(1): 25-27.
- 1997 Silent Spring in Siberia: The Plight of the Sakha. *Cultural Survival Quarterly*, 20 (4):14-16.
- 1995 Environmental Problems in Sakha, Siberia. *Surviving Together*, 13 (4): 17-19.
- 1992 At Home in Siberia. *Cultural Survival Quarterly*, 16 (1):61- 64.

Professional association publications:

- 2008 Climate Change and Human Rights. *Anthropology News* 49(5): 34-45.

Conference Proceedings:

- 2007 Climate Change and Human Rights: Making the Case for Viliui Sakha of Northeastern Siberia. In *Proceedings of Calotte Academy 2007: New Northern Dimension*. Ed. Lassi Heininen Rovaniemi: University of Lapland: 81-92.

Encyclopedia Entries:

- 2007 "Taiga"; "Clean Development Mechanism"; "Genetic Diversity"; "Native Species", in Paul Robbins, ed., *Encyclopedia of Environment and Society*, Sage Publications.
- 2005 The Sakha, in Carl Skutsch, ed., *Encyclopedia of World's Minorities*, New York: Routledge, 1052-1053.
- 2004 Sakha, in Carol and Melvin Ember, eds. *Encyclopedia of Sex and Gender*. New York: Kluwer, pp. 768-778.

In press:

- Climate Change and Human Rights: Making the Case for Viliui Sakha of Northeastern Siberia in Lassi Heininen and Heather Nicol, eds. *Climate Change and Human Security - From a Northern Point of View*. Ottawa: UOP.

Books In Prep:

-*Water in Mind: Perceptions of Climate Change in Siberia*. [monograph based on 2007-2010 NSF project]

Articles In Prep:

-Towards Sustainable Research: Relocalizing our Lives. Co-author Tim Leduc. *Environmental Education*.

-Changing Seasonality in Viliui, Sakha. in Historical, Cultural and Environmental Contexts. *Sibirica*.

-Contemplating the Agency of Indigenous Rights: Sakha and Saami Encountering Global Climate Change. *Acta Borealia*.

Other publications:

1995 *Kwek Teen* (Green Spirit). Bichik Press: Yakutsk.

1992 *Baikal: The Sacred Sea of Siberia*. Sierra Club Books, 1992. Contributing Photographer.

Selected Presentations

May 2011 Cows, Kin, and Climate Change: Bolstering Resilience Through Local and Scientific Knowledge Exchanges in Northeast Siberia. *Third Annual ACMS Research Conference, Ulan Bator, Mongolia*.

May 2011 Understanding Risk Management and Sustainable Development in Sakha: Local Investigations using 'Climate Ethnography.' *2nd HK International Conference: Reflections on Russian "Center-Periphery" Relationships: For Sustainable Resource Development in East Siberia and the Russian Far East. Institute of Russia-CIS Studies, Korea University, Seoul, Korea*.

March 2011 What "Lost" Cultures can Contribute to the Management of Our Planet. Woodrow Wilson International Center for Scholars, Washington, DC.

January 2011 *WATER IN MIND: Exploring Narratives, Perceptions and Responses to Unprecedented Climate Change for Sakha of northeastern Siberia, Russia. Polarworlds International Conference, Paris, France*.

October 2010 Investigating Cultural Implications and Local Knowledge of Global Climate Change in Northeast Siberia, Russia, *STLA and the Center for Eurasian, Russian and East European Studies, Georgetown University, Washington DC*

April 2010 Water in Mind: Investigating the Cultural Implications of Climate Change in Siberia, *Bowdoin College, Maine; University of New England, Maine*

January 2010 Religion and Climate Change, Potsdam, Germany

January 2010 Water in Mind: Exploring Narratives, Perceptions and Responses to Unprecedented Climate change in NE Siberia, *Sustainability Studies, Dalhousie University, Halifax, Newfoundland, CA*

December 2009 COP-15, Two presentations at side venues, Copenhagen, Denmark

November 2009 Exploring Narratives, Perceptions and Responses to Unprecedented Climate change in NE Siberia, *Klimaforum, Hotel Bristol, Oslo, Norway*

October 2009 Water in Mind: Investigating the Cultural Implications of Climate Change in Siberia, *2009 AU Public Anthropology Conference, Washington, DC*

October 2009 Global Human Long Term Ecodynamics Conference at *Eagle Hill Maine*

March 2009 Gone the Bull of Winter: Grappling with the Cultural Implications of and Anthropology's Role(s) in Global Climate Change, *LARU Scientific Congress, Copenhagen, Denmark*.

March 2009 Contemplating the Human Dimensions of Encountering Global Climate Change. Beyond Kyoto, *Aarhus, Denmark*.

February 2009 Facing Unprecedented Climate Change. National Science Foundation, *Arlington, Virginia*.

October 2008 Hot Topics: Protecting High-Risk Communities in the Face of Global Climate Change, Shaking the Foundations, *Stanford Law School, Stanford, CA*

August 2008. Assessing Knowledge, Resilience & Adaptation and Policy Needs in Sakha Villages of Northeastern Siberia Facing Climate Change. 6th International Congress of Arctic Social Sciences (ICASS VI), *Nuuk, Greenland*.

November 2007. Resilience and Adaptation in Siberia: From Colonization to Diamonds to Climate Change AND Climate Change and Human Rights: Making the Case for Viliui Sakha of Northeastern Siberia. Anthropology of Global Change: Challenges for the Discipline in the 21st Century, *Invited Speaker series, Anthropology, University of Tennessee, Knoxville, TN*.

October 2007. Climate Change and Culture Change in NE Siberia. *The XVth International Conference of the Society for Human Ecology (SHE XV), Rio de Janeiro, Brazil*.

June 2007. Climate Change and Human Rights: Making the Case for Viliui Sakha of Northeastern Siberia. *Calotte*

Academy, Inari, Finland.

May 2007. Gone the Bull of Winter: Climate Change and Culture Change in Northeast Siberia. *National Association of Clean Air Agencies Spring Membership Meeting, Louisville, Kentucky.*

Symposiums and Workshops

- Jan 07/08 Organizer, Sustainability Across the Curriculum: 2-day curriculum development training for faculty. GMU.
 Nov 2003 Organizer, 2003 Havighurst Annual International Young Researchers Conference, Russia in Global Context: Peoples, Environments, Policies, MU.
 Nov 2003 Co-organizer, Window to the North: Peoples and Environments of the Arctic, MU.
 Oct 2002 Co-organizer, discussant, and session chair, Russia's Environment: Prospects and Possibilities, MU.
 Oct 2002 Discussant, Placing Gender in Postcommunism, MU.
 2001-02 Gender Role Reversals and Sakha Women, Role of Women in Post-Communist Transition Workshop, Kennan Institute, Washington, DC.
 Dec 2000. The Case of Elgeei, Still Red: Socialism in Practice Workshop, UNC-Chapel Hill, NC.
 Apr 1998. Discussant, Environmental Justice, Women, Environment and Empowerment, Racine, WI.

Working Groups and Steering Committees

- 2011-date American Anthropological Association (AAA) Climate Change Task Force, Steering Committee.
 2010-date Managing the Planet, Steering Committee, George Mason University, Virginia
 2009-date SEARCH-Understanding Arctic Change Taskforce, Arctic Research of the United States, Fairbanks, AK
 2009-date Committee on Environmental Security, American Meteorological Society
 2006-date Arctic Social Indicators Working Group, Team Leader, Stefansson Arctic Institute Akureyri, Iceland
 2004-11 Northern Research Forum, Steering Committee.
 2004-05 International Conference on Arctic Research Planning II (ICARP II), Member, Working Group 1.

Professional Memberships

- ◆ International Arctic Social Science Association (IASSA)
- ◆ American Anthropological Association (AAA)
- ◆ Society for Applied Anthropology (SfAA)/ Spring 2007 elected to Fellow status

Teaching Experience

- 2010-date **Associate Professor, George Mason University:**
Grad-level: Fall '11: EVPP 436/505: The Human Dimensions of Global Climate Change
 Fall '10: EVPP 632: Qualitative Research Methods for Social Scientists
Grad-level: Fall '10: EVPP 436/741: The Human Dimensions of Global Climate Change
 Fall '10: EVPP 635/ ANTH 580: Advanced Seminar in Human Ecology
 2004-2010 **Assistant Professor, George Mason University:**
Grad-level: Fall '08/'09: EVPP 741: The Human Dimensions of Global Climate Change
 Spring '07/'08: EVPP 632: Qualitative Research Methods for Social Scientists
 Spring '05-'08: EVPP 741/ ANTH 580: Culture & Environment in Local to Global Perspectives
 Fall '04-'09: EVPP 635/ ANTH 580: Advanced Seminar in Human Ecology
UG-level: Spring '06/'07: EVPP 336: Environment and Society
 Spring 2008: EVPP 353: People, Plants and Culture
 Fall 2007: EVPP 490: Fostering Sustainability in the 21st Century
 2002-2004 **Postdoctoral Fellow, Miami University: Instructor for:**
 Spring 2004: GEO 307: Geography of Russia and Eurasia
 ANTH 306: Peoples and Cultures of Russia and Eurasia
 Fall 2003: RUS/POL/GEO/HST/ANTH/FST 133: Imagining Russia: Film as a Window to Cultures
 GEO/IES/ITS/ATH 410: Russia in Global Context: Peoples, Environments, Policies

- Spring 2003: GEO/ ANTH /ITS /IES 410/ 510: Cultures and Environments of Russia
 Fall 2002: GEO/ IES / ITS 410/ 510: International Environmental Affairs: Russia
 1997-01 **Teaching Assistantship, UNC CH:** Led recitation sections, assisted students, wrote/graded exams, lectured
 Fall 2001: EST 35: Environment and Society, with Dr. Greg Gangi
 Spring 1999: BIO 11: Human Anatomy
 Spr, Fall 1998: EST 35: Environment and Society, with Dr. Greg Gangi
 Fall 1997: BIO 45: Ecology and Population Biology

Graduate / Undergraduate Student Advising at GMU

Doctoral Students: Major Professor / Dissertation Committee Chair

Graduated/ Dissertation Topic:

- Vivek Prasad, Graduated May 2011, Title: Exploring the Challenges and the Potentials of Adaptation to Climate Change: A Bottom Up Approach in Jharkhand, India.
 - Kwame Boakye-Agyei, Graduated spring 2009, Title: Fostering Civic Engagement: Stakeholder Participation in Rural Projects in Ghana.
 - Charles Milling, Advanced to Candidacy, Fall 2010, Title: Do People Exhibit a Sense of Place: Creating a Valid Reliable Measurement Instrument for a Sense of Place Construct.
 - Robin Brake, Advanced to Candidacy, Fall 2010, Title: Understanding the Human Dimension of Sonar and Cetaceans
- In Progress:***

- 1) Michael Nelson, 2) Vera Soloveyeva, 3) Caroline Boules, 4) Neil Ransom, 5) Kim Marshall, 6) David McDonald

Doctoral Students: Dissertation Committee Member

Graduated/ Dissertation Topic:

- Seema Shappelle, Graduated May 2011 (Judith Mahler, chair) Title: Fishing for Information: Evaluating Characteristics of Web Sites used to Convey Environmental Risk Information Through Fish Advisories
- Maction Komwa, Graduated May 2011 (Dawn Parker, chair) Title: The Impact of HIV/AIDS on Rural Agricultural Households in Mayuge District in Southeastern Uganda.
- Darrell Smith, graduated May 2010 (Sarah Cobb, chair) Title: Unearthing Cognitive Frames and Sowing Interactional Framing within Indigenous-Mining Conflict
- Irina Stoyanova, Graduated spring 2006 (Peter Balint, chair) Title: Theorizing the Origins and Advancement of Indigenous Activism: The Case of the Russian North.
- Joanna Cornell, graduated May 2007 (Greg Guagnano, chair) Title: Creating Environmental Stewardship: Evidence from a Community-based Adult Education Program
- Hari Bansha Dulal, graduated May 2006 (Roger Stough, chair) Title: Role of microcredit in rural poverty alleviation: A case study of Grameen Bikas Bank in Eastern Development Region, Nepal

In Progress:

- 1) Megan Draheim, 2) Amy Bauer, 3) Todd Watkins, 4) Tyler Willis.

Master's Students: Major Professor, Thesis Committee Chair, or Project Advisor

- Jeremy Alcorn, Graduated Fall 2008, Title: U.S. Environmental Security: Understanding And Enabling it To Matter.
- Patricia Greenburg, in progress

Master's Students: Thesis Committee Member

- Dana Griffith. Graduated spring 2006, (Chris Parsons, chair) Title: Waste Reduction as a Model to Conservation.
- Irina Stoyanova, Graduated spring 2006, (Peter Balint, chair) Title: Safeguarding Linguistic Diversity: A Case Study of How an Ethical Principle Entered International Public Policy Discourse
- Jenny Cordrey, Graduated spring 2007, Title: A Stressor Identification to aid in the completion of a Total Maximum Daily Load of the impaired mileage of Smith Creek in Shenandoah and Rockingham Counties, Virginia.
- Megan Draheim, Graduated spring 2007, Title: Who's Afraid of the Big, Bad Coyote? A Survey of Messaging and Existing Attitudes in the National Capital Region.
- Dorothy (Li) Wong, graduated spring 2008, Title: Public Perception of Mammals and Mammal Conservation in Ffx Cty
- Mittpheap Steele, in progress

Undergraduates

-Laura Poisson, BIS in Climate Change and Community Health, Graduated May 2011, Thesis: An Analysis of the Effect of Climate Change on Respiratory Ailments: Increasing Public Awareness about Climate Change by Addressing the Rise in Respiratory Ailments Due to Climate Change and Creating a Model of Adaptation and Mitigation. Graduated May, 2011

-Peter Renz, graduated December 2004 (Capstone Project Committee)

Graduate Research Assistants Supervised

-Vera Soloveyeva, NSF project GRA, 2010-present

-Caroline Boules, Presidential Scholar Award GRA, 2010-present

-Vivek Prasad, NSF project GRA, 2008-present

-Jenny Cordrey, ESP PhD, GRA spring 2006

Foreign Student Advising

-Lotta Numminen, PhD candidate, Finnish Institute of International Affairs, Helsinki. Finland. Dissertation: Adaptation and development of settlement patterns in the North: Case studies from the Faroe Islands and Greenland

Service

2007/08 **Sustainability Across the Curriculum co-coordinator-** facilitated 2-day faculty development workshop with 20 (2007) and 12 (2008) faculty from 10 disciplines to instill sustainability in GMU course curriculum.

2007/08 **The Climate Project presenter-** offers community presentations on global climate change based on training by Al Gore

2005-07 **Environmental Task Force co-coordinator-** holds monthly meetings of students, faculty, and administrators to facilitate campus-wide greening projects.

2005-on **Undergraduate Degree Committee-** Environmental Science & Policy, George Mason University

2005-on **Executive Committee-** Environmental Science & Policy, George Mason University

2004-07 **Earth Week '05, '06, '07 co-coordinator-** holds bimonthly meetings beginning in December through May to organize two weeks of activities celebrating Earth Day at GMU, focusing on climate change and hosting keynote speaker: '05 David Orr/'06 Bill McKibben/'07 Janisse Ray.

2004-07 **Chair's Advisory Committee,** Environmental Science & Policy, George Mason University

2004 **Policy Search Committee,** Environmental Science & Policy, George Mason University

2002 **Search Committee,** Ecology Curriculum, UNC-Chapel Hill.

2001-02 **Graduate Teaching Assistant Liaison,** Ecology Curriculum, UNC-Chapel Hill.

Language Skills

Sakha (Yakut): fluent spoken, reading & writing

Russian: fluent spoken, reading & writing

References

Dr. Bruce Winterhalder (Ph.D. advisor)
Department of Anthropology
University of California, Davis
One Shields Avenue
Davis, California 95616-8522
(530) 754-4770 / 752-0745 / FAX: (530) 752-8885
bwinterhalder@ucdavis.edu

Dr. Glenn Hinson (M.A. advisor)
University of North Carolina at Chapel Hill
Department of Anthropology / Folklore
305 C Alumni Building
Chapel Hill, North Carolina 27599-3115
(919) 962-1661 / FAX: (919) 962-1613
ghinson@unc.edu

Dr Mark Nuttall, Henry Marshall Tory Chair
Department of Anthropology, University of Alberta
13-15 HM Tory Building
Edmonton, Alberta Canada T6H 2H4
(780) 492-0129 / FAX: (780) 492-5273

Dr Gail Fondahl, VP, Research and Grad Programs
University of Northern British Columbia
3333 University Way
Prince George, BC V2N 4Z9 CANADA
(250) 960-5856 / FAX: 250-960-5362

mark.nuttall@ualberta.ca

Dr Shirley Fiske

fondahlg@unbc.ca

Dr Oran Young