

David L. Griffith, PhD

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Education

Virginia Tech,
Blacksburg, VA
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Blacksburg, VA
University of Idaho,
Moscow, ID

1998 B.A. English, *magna cum laude* in
honors
2001 M.A. English

2016 Ph.D. Environmental Science

Employment

Virginia Tech, Blacksburg, VA

*Instructor, English and Interdisciplinary
Studies, 2002—2005*

University of Idaho, Moscow, ID

*Grant Writer, Environmental Science,
2009—2010*

University of Idaho, Moscow, ID

*Graduate Research Assistant,
Environmental Science & Mountain
Social Ecological Observatory Network
(MtnSEON), 2010—2015*

Center for Resilient Communities, UI, Moscow, ID

*Intelligence Community Postdoctoral
Research Fellow, 2016—2018*

Center for Resilient Communities, UI, Moscow, ID

Research Assistant Professor, 2018—

Grants

2000—Research Travel Award from Virginia Tech English Department to conduct research in support of M.A. thesis at the Royal Library of the British Museum (London) \$5,000

2015—Co-PI of Mountain Social Ecological Observatory Network (MtnSEON) RCN, NSF #1231233 \$749,000

2016—Co-PI of RCN: EyesNorth, NSF #1642847 \$499,000

2016—Leadership Team, INFEWS/T3 “Social-ecological-technological solutions to waste reuse in food, energy, and water systems (ReFEWS),” NSF #1639524 \$2,698,207.00

Submitted—Co-PI, INFEWS/T3 “EngageINFEWS: A research coordination network for community and stakeholder engagement critical to food, energy, and water systems,” NSF \$749,000.

Submitted—Co-PI, NIFA “FACT-R2F2 Cyber—A coordination innovation network for integrated ranching, rangeland, and first foods cyberinformation,” USDA AFRI \$999,990.

Conferences, Workshops, Presentations

2013 *National Native Seed Conference*, Santa Fe, New Mexico—“Fusarium and Ventenata”

2014 *Great Basin Native Plant Project*, Boise, ID—“Fusarium and Ventenata”

2014 *Center for Advanced Energy Studies (CAES) Western Sustainable Dairy Program* workshop, Twin Falls, ID—Invited presentation on Social Ecological Systems science

2015 *Western Initiative for the Dairy Environment (WIDE) Research Road-mapping Workshop*, Boise, ID—Invited presentation on Social Ecological Systems science

- 2015 *Ecological Society of America* annual meeting in Baltimore, MD—Exhibitor for MtnSEON
- 2012-2015 Organized four MtnSEON annual meetings, multiple working group workshops, proposal development workshops (EPSCoR, LTER, Macrosystems), and the Mountain Research and Education Institute (MREI) workshop
- 2016 *Arctic Domain Awareness Center (ADAC)* meeting, Alexandria, VA— “Community-Based Observing”
- 2017 *Arctic Workshop of the Transatlantic Ocean Research Alliance*, Brussels, BEL—“RCN: EyesNorth” and “Community-Based Observing Networks and Systems”
- 2017 Three Department of Homeland Security and EyesNorth vulnerability and threat assessment workshops on the topics of border security, Arctic security, and port security—facilitation, analysis, and reporting (reports not publicly available)
- 2017 RCN: EyesNorth and MtnSEON workshop on CBONS for rangelands, Hailey, ID—Facilitation
- 2017 *USAID Mini-University*, Washington, D.C.—“Early Warning System for Emerging Zoonotic Disease”
- 2017 *Intelligence Community Academic Research Symposium*, Washington, D.C.—“Community Based Observing Networks and Systems”
- 2017-2018 *INFEWS/T3* Stakeholder Advisory Group meetings, Twin Falls, ID—Facilitation and reporting
- 2018 Three DHS and RCN: EyesNorth workshops on data interoperability, information sharing, and observing systems—facilitation, analysis, and reporting (reports not publicly available)
- 2018 *Arctic Domain Awareness Center (ADAC)* workshop on Arctic Futures, Nome, AK—Facilitation and reporting
- 2018 RCN: EyesNorth and MtnSEON workshop on CBONS for rangelands, Enterprise, OR—Facilitation and reporting
- 2018 *Intelligence Community Academic Research Symposium*, Washington, D.C.—“Community-Based Observing Networks for Monitoring Rangelands in the Intermountain West”

Papers & Reports

- Altaweel, Virapongse, Griffith, Alessa, and Kliskey (2016) “A Typology for Complex Social-Ecological Systems in Mountain Communities,” *Sustainability: Science, Practice, & Policy* 11(2), 1-13.
- Newcombe, Campbell, Griffith, Baynes, Launchbaugh, and Pendleton (2016) “Revisiting the life cycle of dung fungi, including *Sordaria fimicola*,” *PLOS ONE* 11(2), e0147425.
- Alessa, Kliskey, Pulsifer, Griffith, Williams, Druckenmiller, ..., & Jackson (2016) “Best Practices for Community-based Observing: A National Workshop Report (Oct 5-6, 2015, Seattle, WA),” Moscow, ID: Center for Resilient Communities, 30pp.
- Griffith, Larkin, Kliskey, Alessa, and Newcombe (2017) “Expectations for habitat-adapted symbiosis in a winter annual grass,” *Fungal Ecology* 29, 111-115.
- Griffith, Alessa, and Kliskey (2017) “A Typology of Community-Based Observing,” *NMIO Technical Bulletin* 12, 32-39.
- Alessa, Kliskey, Gosz, Griffith, and Ziegler (2018) “MtnSEON and social-ecological systems science in complex mountain landscapes,” *Frontiers in Ecology and the Environment* 16, S4-S10.
- Griffith, Alessa, and Kliskey (2018) “Community-Based Observing for Social-Ecological Science: Lessons from the Arctic,” *Frontiers in Ecology and the Environment* 16, S44-S51.
- Bourgeron, Alessa, Kliskey, Loescher, Krauze, Virapongse, Griffith (2018) “Complex Human-Environmental Processes: A Framework for Social-Ecological Observatories,” *Frontiers in Ecology and the Environment* 16, S52-S66.
- Alessa, Moon, Griffith, and Kliskey. (2018). Operator driven policy: Deriving action from data using the quadrant-enabled Delphi (QED) method. *Homeland Security Affairs Journal* 14, 6.

Service

2000-2001 Virginia Tech, Graduate Representative to *Curriculum Committee*
2011-2012 University of Idaho, *Graduate and Professional Student Association (GPSA)*
Senator for Environmental Science—Served on several committees, including
University Curriculum Committee
2012-2013 UI GPSA Senator at Large, Chaired *Teaching Excellence and Graduate*
Achievement Committee, graduate representative to *University Graduate Council*
2016-2018 City of Moscow, *Tree Commission*
2016- University of Idaho, *IRIC Safety Committee*
2018- City of Moscow, *Food Forest Park Core Development Team*