

CURRICULUM VITAE

Stuart K. Allison, Ph.D.

Watson Bartlett Professor of Biology and Conservation

Director of the Green Oaks Field Research Center

Department of Biology

Knox College

Galesburg, Illinois 61401

Phone number: 309-341-7185

E-mail: sallison@knox.edu

Fax: 309-341-7829

Orcid # 0000-0002-7022-0071

EDUCATION

University of California, Berkeley. Ph.D. 1991. Dissertation topic: "Variation in Response to a Continuum of Stress and Disturbance in a Salt Marsh Plant Assemblage."

Graduate School of Oceanography, University of Rhode Island. M.S. 1986. Thesis topic: "Spatial and Temporal Variability in Copepod Distributions Across the Gulf Stream."

The University of Puget Sound. B.S. in Biology, 1981. Senior thesis: "Distribution and Developmental Stages of the waterstrider *Halobates micans* in Caribbean and Bahamian Waters."

Monmouth High School, Monmouth, Illinois. Diploma 1977.

WORK EXPERIENCE

8/16 – present	Watson Bartlett Professor of Biology and Conservation, Knox College
9/10 – 7/11	Fulbright Scholar, Cranfield University, Bedfordshire, UK
9/01 – 8/10; 9/13 – 8/15	Chair, Biology Department, Knox College
9/99 – present	Director of the Green Oaks Field Research Center
9/08 – present	Professor, Knox College
9/01 - 8/08	Associate Professor, Knox College
9/97 - 8/01	Assistant Professor, Knox College

9/93 - 8/97	Assistant Professor, Central College
1/93 - 8/93	Victoria Fellow Postdoctoral Associate - Rutgers University, Institute of Coastal and Marine Science
8/92 - 12/92	Visiting Assistant Professor - Mills College, Department of Biology
8/91 - 12/91	Lecturer - University of California, Berkeley, Department of Conservation and Resources Studies

HONORS

Knox College – Philip Green Wright Distinguished Teaching Award 2022
 Knox College – Exceptional Achievement Award 2017
 Knox College – Exceptional Achievement Award 2014
Ecological Restoration and Environmental Change named an Outstanding Academic Title of 2013 by Choice Magazine
 Knox College – Exceptional Achievement Award 2012
 Fulbright Scholar – 2010-2011
 Central College Outstanding Professional Development Award - 1996
 Rutgers University Victoria Fellowship - 1993
 University of California Regents Fellowship - 1988-89
 University of Rhode Island Tuition Scholarship - 1984-85
 University of Rhode Island Graduate Fellowship - 1984
 University of Puget Sound Trustee Scholarship - 1977-81
 National Merit Scholar 1977
 Phi Sigma Biological Honorary

PROFESSIONAL AFFILIATIONS

The Society for Ecological Restoration
 Board of Directors of the Society for Ecological Restoration 2009 to 2018;
 Secretary and member of Executive Committee of the Board 2014 to 2018
 Board of Editors for *Restoration Ecology* – published by The Society for Ecological Restoration
 Ecological Society of America
 Education Section of the Ecological Society of America
 The Society for Conservation Biology
 Sigma Xi, The Scientific Research Society

PUBLICATIONS

- Allison, S.K. (2024) *Ecological Restoration and Environmental Change: Renewing Damaged Ecosystems*, 2nd edition. Routledge, Abingdon, UK. 260 pp. (Actual publication date and release to the public was August 24, 2023).
- Allison, S.K. and S.D. Murphy (editors) (2017) *Routledge Handbook of Ecological and Environmental Restoration*. Routledge Publications, Abingdon, United Kingdom. 604 pp.
- Allison, S.K. (2017) Chapter 33: Ecological restoration and environmental change: managing restorations and our expectations in a dynamic, uncertain world. in Allison and Murphy (eds.) *Routledge Handbook of Ecological and Environmental Restoration*. Routledge Publications, Abingdon, United Kingdom. pp. 485-495.
- Murphy, S.D. and S.K. Allison (2017) Chapter 1: Introduction: What next for restoration ecology? in Allison and Murphy (eds.) *Routledge Handbook of Ecological and Environmental Restoration*. Routledge Publications, Abingdon, United Kingdom. pp. 1-3.
- Hanberry, B.B., R.F. Noss, H.D. Safford, S.K. Allison and D.C. Dey (2015) Restoration is preparation for the future. *Journal of Forestry*. 113:425-429. <http://dx.doi.org/10.5849/jof.15-014>
- Allison, S.K. (2012) *Ecological Restoration and Environmental Change: Renewing Damaged Ecosystems*. Earthscan Press, a division of Routledge, Abingdon, UK. 245 pp.
- Allison, S.K. (2011) The paradox of invasive species: Do restorationists worry about them too much or too little? pp. 265-275. In I.D. Rotherham and R. Lambert (editors) *Invasive and Introduced Plants and Animals: Human Perceptions, Attitudes, and Approaches to Management*. Earthscan Press, London, UK.
- Allison, S.K. (2008) Differences in the effects of drought upon restored and remnant prairies (Illinois). *Ecological Restoration*. 26:95-97.
- Allison, S.K. (2007) You can't not choose: Embracing the role of choice in ecological restoration. *Restoration Ecology* 15:601-605.
- Allison, S.K. (2004) What do we mean when we talk about ecological restoration? *Ecological Restoration*. 22: 281-286.

- Allison, S. K. (2002) When is a restoration successful? Results from a 45-year-old tallgrass prairie restoration. *Ecological Restoration* 20:10-17.
- Meyer, M.J*, J.A. Crawford, and S.K. Allison (2002) Geographic distribution. *Hemidactylium scutatum*. *Herpetological Review* 33:217. (* student co-author)
- Allison, S.K. and J. Ehrenfeld (1999) The influence of microhabitat variation on seedling recruitment of Atlantic white cedar and red maple. *Wetlands* 19:383-393
- Allison, S.K. (1996) Recruitment and establishment of salt marsh plants following disturbance by flooding. *The American Midland Naturalist* 136:232-247.
- Allison, S.K. (1995) Recovery from small scale anthropogenic disturbances by northern California salt marsh plant assemblages. *Ecological Applications* 5:693-702.
- Allison, S.K. (1992) The influence of rainfall variability on the species composition of a northern California salt marsh plant assemblage. *Vegetatio* 101:145-160.
- Allison, S.K. and K.F. Wishner (1986) Spatial and temporal patterns of zooplankton biomass across the Gulf Stream. *Marine Ecology Progress Series* 31:233-244.
- Wishner, K.F. and S.K. Allison (1986) The distribution and abundance of copepods in relation to the physical structure of the Gulf Stream. *Deep-Sea Research* 33:705-731.

MANUSCRIPTS IN PREPARATION

- Allison, S.K. (*in review*) Resilient ecological restoration in the future must account for the influence of cultural landscapes on ecosystem properties. *Restoration Ecology*.
- Martinez, K.A.* and S.K. Allison (*in preparation*) The impact of climate change on first flowering date of spring wildflowers at Green Oaks, west-central Illinois. (* student co-author)

BOOK REVIEWS

- Allison, S.K. (2025) Book Review: *Treewilding: Our Past, Present and Future Relationship with Forests*. By Jake M. Robinson (2024) Pelagic Publishing, London, UK, ISBN 978-1-78427 (Hbk), ISBN 978-1-

78427–481–1 (ePub). *Restoration Ecology*.
<https://doi.org/10.1111/rec.70023>

Allison, S.K. (2021) Book Review: *Rewilding Agricultural Landscapes: A California Study in Rebalancing the Needs of People and Nature*. H. Scott Butterfield, T. Rodd Kelsey, and Abigail K. Hart (editors) (2021) Island Press, Washington D.C., U.S.A., 264 pages, \$39.00 (paperback), ISBN 9781642831269. *Restoration Ecology* 29, e13569.

Allison, S.K. (2009) "Review of *Nature's Second Chance: Restoring the Ecology of Stone Prairie Farm* by Steven I. Apfelbaum. Beacon Press, Boston, MA, USA." *Restoration Ecology* 17:928-929.

Allison, S.K. (1998) "Savanna Ecology: Current Knowledge and Future Needs. A review of: McPherson, Guy R. 1997. *Ecology and management of North American savannas*. University of Arizona Press, Tucson." *Ecology* 79:2213-2214.

Allison, S.K., W.J. Ehmann, A.M. Ellison, and J. Mull (1996) A synthetic review of several major ecology textbooks. *The Bulletin of the Ecological Society of America* 77:92-99.

Allison, S.K. (1991) Review of Addison-Wesley's *Life Science*, 1989 Teacher's Edition. *Bookwatch Reviews* V. 4, N. 12, pp. 3-4.

PAPERS PRESENTED AT MEETINGS

Allison, Stuart K. 2024. Renewed restoration: A road map to successful ecological restoration during a time of rapid environmental change. (Oral paper presented at the Society for Ecological Restoration North America meeting October 2024).

Allison, Stuart K. 2019. Ecological restoration during a time of rapid environmental change: How do we keep up with a runaway train? (Oral paper presented at the Midwest Chapter of the Society for Ecological Restoration meeting April 2019).

Allison, S.K. 2015. Ecological restoration during a time of rapid environmental change: Using restoration as a bridge to the future. (Oral paper presented at the Society for Ecological Restoration World Conference August 2015).

Allison, S.K. 2015. Writing about restoration in the long form – the risks and rewards of moving beyond the journal article. (Oral paper presented at the Society for Ecological Restoration World Conference August 2015).

- Adelsberger, K.A., A.J. Steffen*, and S.K. Allison. 2015. Phosphorous characterization in a restored and managed tallgrass prairie using ³¹P NMR. Geological Society of America Abstracts with Programs, Vol. 47, No. 7, p.594.
- Belitz, M.*, S. Allison, and L. Dybas. 2014. Assessing the invertebrate composition of reconstructed prairies. Poster. Illinois State Academy of Science, University Park, IL. First prize for undergraduate poster in environmental science.
- Allison, S.K. 2014. With respect to the ESA: how ecological is ecological restoration? A brief history and a look to the future. (Oral paper presented at the Ecological Society of America Conference August 2014). Published on-line: DOI: 10.13140/2.1.3779.7121 Conference: 99th Ecological Society of America Annual Meeting, At Sacramento, California, Volume: <http://f1000.com/posters/browse/summary/1096702>
- Allison, S.K. 2013. Concluding remarks: The history of ecological restoration: Where has the field been and where might it go? (Concluding remarks to a special symposium on the history of ecological restoration organized by S.K. Allison at the Society for Ecological Restoration World Conference October 2013).
- Allison, S.K. 2011. A comparative study of global attitudes towards ecological restoration: Where have we been and where are we going? (Oral paper presented at the Society for Ecological Restoration World Conference August 2011).
- Allison, S.K. 2009. The paradox of invasive species: Do restorationists worry about them too much or too little. (Oral paper presented at the Society for Ecological Restoration World Conference August 2009).
- Allison, S.K. 2009. Differences in the effects of drought upon restored and remnant prairies. (Poster presented at the Society for Ecological Restoration World Conference August 2009).
- Allison, S.K. 2007. You can't not choose: Embracing the role of choice in ecological restoration. (Oral paper presented at the joint meeting of the Ecological Society of America and the Society for Ecological Restoration meeting August 2007)
- Allison, S.K. 2006. Commentary on J. Baird Callicott, "Back to the Earth Ethic: Reading Leopold in Reverse." (Oral paper presented at the Third Annual Joint Meeting on Environmental Philosophy sponsored by the International Association of Environmental Philosophy and the International Society for Environmental Ethics. June 2006).

- Allison, S.K. 2004. What do we mean when we talk about ecological restoration? An inquiry into values. (Oral paper presented at the Society for Ecological Restoration meeting August 2004).
- Allison, S.K. 2002. Are restored ecosystems wildlands or gardens? (Oral paper presented at the Society for Ecological Restoration meeting August 2002).
- Allison, S.K. 2000. When is a restoration a success? The results of 45 years of prairie restoration. (Oral paper presented at the Society for Conservation Biology meeting June 2000).
- Allison, S.K. and C.A. Beelman. 1999. Designing a wildlife management plan for the Knox College campus. (Oral paper presented at the Ecological Society of America meeting August 1999).
- Allison, S.K. and J.G. Ehrenfeld. 1995. The influence of microhabitat variation on seedling recruitment of Atlantic white cedar and red maple. (Oral paper presented at the Ecological Society of America meeting August 1995).
- Allison, S.K. 1990. Disturbance and mosaic distribution patterns among salt marsh plant species. (Oral paper presented at the Ecological Society of America meeting August, 1990).
- Allison, S.K. 1988. The influence of disturbance on salt marsh plant community composition. (Oral paper presented at the Ecological Society of America meeting August, 1988).
- Allison, S.K. and K.F. Wishner. 1985. The distribution and abundance of selected copepod species in relation to the physical structure of the Gulf Stream. (Oral paper presented at the American Society of Limnology and Oceanography meeting December, 1985).
- Allison, S.K. 1980. Distribution and developmental stages of *Halobates micans* in Caribbean and Bahamian waters. (Oral paper presented at the American Society of Zoologists meeting December, 1980).

*student co-author

INVITED ADDRESSES AT ACADEMIC INSTITUTIONS

April 2020 – Prescott College (remote guest appearance)
March 2014 – University of Illinois, Urbana-Champaign
October 2011 – Grinnell College
June 2011 – Royal Botanic Garden Kew, Wakehurst Place Campus, UK
February 2011 – University of Umea, Umea, Sweden

January 2011 – Greifswald University, Greifswald, Germany
September 2010 – Cranfield University, Bedfordshire, UK
February 2005 – Luther College
November 2004 – Western Illinois University
February 2004 – Knox College, Faculty Development Seminar Series
July 2001 – Bradley University
April 2001 – Maria Mitchell Association, Nantucket
March 1999 - Grinnell College
December 1997 - Monmouth College
February 1997 - Massachusetts Audubon Society
February 1994 - College of the Holy Cross, Department of Biology
June 1993 - University of California at Santa Barbara, California Coastal
Commission
July 1992 - University of Georgia, Sapelo Island Marine Institute

INVITED PARTICIPATION AT PROFESSIONAL MEETINGS

September 2012 – Invited speaker at a special workshop on Ecological Restoration held at the Joint Research Centre in Ispra, Italy – “Ecological restoration and environmental change: Planning for the future”

March 2012 – Invited keynote speaker at the annual meeting of the Illinois State Academy of Sciences – “Ecological restoration and environmental change: What do we know and where are we going?”

August 2008 – Invited and featured speaker at the Grassland Restoration Network Workshop held in Madison, Wisconsin – “Challenges in maintaining a long term prairie restoration”

October 2005 – Organized, hosted and spoke at Pew Midstates Science and Mathematics Consortium workshop on the “Effective Use of a Field Station for Undergraduate Education in a Changing Liberal Arts College Environment”

July 2005 – Invited and featured speaker at Iowa Prairie Conference – “The Language of Restoration”

September 2003 – Invited Speaker at Central Illinois Prairie Conference – “When is a restoration successful? Lessons from Green Oaks”

March 2003 – Invited Speaker at Pew Midstates Science and Mathematics consortium conference on “Attracting and Retaining Majors”, gave a talk entitled: “Using a field station to enhance science education: Lessons from Green Oaks”

November 1993 - Delegate at Iowa Congress on the Environment

PROFESSIONAL ACTIVITY AND SERVICE

Society for Ecological Restoration

Elected to serve as Secretary and member of the Executive Committee of the Board of Directors of the Society for Ecological Restoration – 2014 to 2018

Elected to Board of Directors of the Society for Ecological Restoration as an at large member – 2013 - 2014

Elected to Board of Directors of the Society for Ecological Restoration as North American Midwest Regional Representative – 2009 - 2013

Chairman, Board Development Committee, Society for Ecological Restoration – 2015 to 2018

Chairman, Awards Committee, Society for Ecological Restoration – 2010 to 2017

Chairman, Society for Ecological Restoration 25th Anniversary Celebration Planning Committee – 2011 to 2013

Chairman, Chapter Development Committee, Society for Ecological Restoration – 2010 – 2011

Member – Strategic Planning Working Group, Society for Ecological Restoration, 2010-2011

Coordinating Editor for *Restoration Ecology* – 2005 to present

Book Review Editor for *Restoration Ecology* – 2018 to present

Knox College

Knox College – Chair of the Biology Department – 2001 – 2010; 2013 - 2015

Knox College – Chair pro tem of the Faculty – 2015 to 2018

Knox College – Executive Committee and Faculty Administrative

Subcommittee – 2005 – 2008; reelected to 2nd term 2012 - 2015

Chair of Faculty Administrative Subcommittee – 2007 – 2008

Chair of Executive Committee – 2013 - 2014 (first faculty member to chair the Executive Committee – previously chaired by Dean of the College)

Knox College – Director of the Green Oaks Field Research Center – 1999 to present

Knox College - Curator of the Herbarium – 1997 to present

Knox College – Chair of the Math Department – 2022 to 2025

Knox College – Committee on Budget and Financial Planning – 2023 to present

Knox College – Faculty Representative to the College Board of Trustees – 2019 to 2022

Knox College – Faculty Observer of the College Board of Trustees – 2018 - 2019

Knox College – Campus Environment Committee – 2008 – 2010, chair 2009 – 2010, reappointed chair 2019 to 2020

Knox College – Curriculum Committee – Assessment Subcommittee – 2018 to 2019

Knox College – Faculty Representative to the Midstates Math-Science Consortium – 2003 – 2010
Knox College – Faculty Development Advisory Group – 2002 - 2005
Knox College – Honorary Degrees Committee – 2002 - 2005
Knox College – Honor Board – 2000 – 2002
Knox College – Campus Working Group planning for the ReNewed Knox - 2001
Knox College - Instructional Technology Committee - 1998 - 2000
Knox College - ACE Kellogg Working Group on Changes in Faculty Life
Knox College - Pre-med Advisory Group – 1997 – 2001
Advisor for Knox-Duke 3, 2 Environmental Management Cooperative Program
Advisor for Knox College Outdoor Recreation Club
Advisor for Knox College Chapter of APO
President of Knox College Sigma Xi Chapter 1998-2006
Knox College Program Advisor for ACM Wilderness Field Station – 1997 - 2002

Other Institutions

Academic Advisory Board of the Sea Education Association – Woods Hole, Massachusetts – 2017- 2020
External Review of the Natural Lands Program at St. Olaf College - 2020
External Review of the Biology Department at Centre College - 2018
External Review of the Biology Department at Beloit College - 2016
External Review of the Grinnell College Conard Ecological Research Center - 1999
Associated Colleges of the Midwest FaCE Department Chairs Initiative - 2005
Central College Research and Development Committee - 1994 to 1997 - chair - 1996-97
Chair - Central College Task Force on Faculty Roles and Responsibilities - 1995
Ecological Society of America Education Committee - 1996 to 1999
Session Chair at 1996 Annual Meeting of the Ecological Society of America - "Productivity and Competition in Grassland Ecosystems"
Panelist for the National Science Foundation – 2004, 2006

COMMUNITY SERVICE

Board of Directors – Galesburg Public Library Foundation – 2019 to present
President of Galesburg Public Library Foundation – 2020 to 2025
Board of Directors – Western Illinois Family Planning Services – 2019 to 2021
Wrote monthly column for the Galesburg *Register Mail* newspaper – May 2017 to November 2022
Board of Directors – Western Illinois Nature Group – 2011 – 2013
Knox County University of Illinois Extension Council – 2006 - 2010
Board of Directors of the Friends of Walnut Creek National Wildlife Refuge - 1996 to 1997 - served as secretary
Youth Soccer Coach – Knox County YMCA – 2011-13

3rd and 4th Grade Religious Education Teacher – Peoria Universalist-Unitarian
Church, 2008-2009