

ALISON MORRISON-SHETLAR. Ph.D.

RECENT POSITIONS

Provost and Vice Chancellor for Academic Affairs, Western Carolina University, Cullowhee, NC 28723 (January 2014 – December 2018, July 2019 – October 2019)

Interim Chancellor, Western Carolina University, Cullowhee, NC 28723 (January 2018 – June 2019)

Professor of Biology, Western Carolina University, Cullowhee, NC 28723 (January 2014 – present)

EDUCATION

Dundee College of Technology (now Abertay University), Scotland

1984 Ph.D. Biomedical Science

1980 B.S. (Hons) Biology and Chemistry

ADMINISTRATIVE LEADERSHIP TRAINING

2019 Crisis Leadership in Higher Education, Harvard Kennedy School, Harvard University

2017 Leadership at the Peak, Center for Creative Leadership

2015 – 16 Executive Leadership Academy (ELA), American Association of Colleges and Universities

2008 Leadership in Higher Education, American Council of Education (ACE).

2006 Management and Leadership in Education, Harvard Graduate School, Harvard University

2005 – 06 Administrative Fellow, Office of the Provost, University of Central Florida.

2003 Summer Institute for Women in Higher Administration, Bryn Mawr College

EMPLOYMENT HISTORY

Western Carolina University, Cullowhee, NC. (2014 – present)

Research Sabbatical (October 1, 2019 – June 31, 2020)

Interim Chancellor (January 2018 – June 2019)

Provost and Vice Chancellor for Academic Affairs (January 2014 – January 2018 and July 2019 – October 1, 2019)

Interim Vice Chancellor for Development and Alumni Engagement (October 2015 – May 2016)

Professor of Biology (2014 – present) Research Sabbatical (October 1, 2019 – July 1, 2019)

Elon University, Elon, NC. (2010 – 2014)

Dean, Elon College, the College of Arts and Sciences

Professor of Biology

University of Central Florida, Orlando FL. (2002-2010)

Vice Provost and Dean of Undergraduate Studies (2008 – 2010)

Dean of Undergraduate Studies (2007 – 2010; Interim 2006 – 2007)

Director of the Faculty Center for Teaching and Learning (2002 – 2008)

Professor of Biology (2002 – 2010)

Georgia Southern University, Statesboro GA. (1995 – 2002)

Director of the Center for Excellence in Teaching (1999 – 2002)

Associate Professor of Biology (1998 – 2002)

Assistant Professor of Biology (1995 – 1998)

Wesleyan University, Middletown, CT. (1993 – 1995)

Visiting Research Assistant Professor (1993 – 1995)

Trinity College, Hartford, CT. (1995)

Visiting Assistant Professor (January – June 1995)

Mount Desert Island Biological Labs (1988 – 2001)

Principal Research Investigator (June – July 1988 – 2001)

Max-Planck Institute, Dortmund, Germany (1987 – 1993)

Department Head, Department of Molecular Biology (1989 – 1993)

Kennedy Institute for Rheumatology, London, UK. (1985 – 1987)

Senior Researcher, Keratinocyte Laboratory

COMMUNITY ENGAGEMENT**Selected National Engagement**

- Testified to the U.S. House of Representatives Committee on Education and Labor about ‘The Cost of College: Student Centered Reforms to Bring Higher Education Within Reach’ on behalf of the State of NC and the UNC System (March 13, 2019)
(<https://www.youtube.com/watch?v=GnWnVR-YSAM>)
- Executive Leadership in Academic Technology, Engineering and Science (ELATES) Board of Directors, Drexel University, PA. (2017 – present)
- SACS accreditation on-site reviewer (2004 – 2019). Chair and Co-Chair responsible for the assessment of the Quality Enhancement Plans (2005, 2007, 2009, 2019)
- All Southern Conference Sports (SOCON): Academic Exchange Board – Founding board member (2015- 2019)
- AAC&U/PKAL National Advisory Board member – (2009-2016). Elected Chair (2012-2015, Past Chair 2015-16)
- Southern Regional Faculty and Instructional Development Consortium (Board Executive Chair, 2004 – 2007)

Selected State Engagement (since coming to Jackson County in 2014)

- North Carolina Arboretum (www.ncarboretum.org) Board of Directors (2018 – present, Board of Governors appointee)
- Mountain Projects (<http://www.mountainprojects.org/>) Board Member (2016 – present)
- LEAD:WNC Convening Conferences: (<https://www.wcu.edu/engage/regional-development/>) Action Agendas: Health Care, Education, Environment, Creative Arts, Innovation and Technology and Tourism – Convener and WCU representative (2014 – present)
- Founded two lifelong learning programs for retired community members: LIFE@Elon (<https://www.elon.edu/u/academics/life-at-elon/>) and LIFE@WesternCarolina: (<https://life.wcu.edu/>) – Founder and Executive Board Member
- Green Energy Park, Jackson County (<http://www.jcgep.org/>) – Strategic Planning Committee Co-Chair with County Manager (2016 – 2019)
- Economic Development Consortium with twenty-one counties in Western North Carolina – Member and WCU representative (2014 – 2019)
- Jackson County Community Outreach: Community Table and Food Pantry, Small Business and Technology Development Consortium, Hospitality and Tourism, Jackson County Chamber of Commerce – Volunteer and WCU representative (2014 – present)
- Western North Carolina Regional Outreach: Community Colleges, Small Business and Technology Development Consortium, Hospitality and Tourism, Economic Development – WCU representative (2014 – present)

Other Community Engagement activities prior to 2014 available on request.

GRANTS AWARDED (*Continuous NSF funding since 1995. Total grant funding: over \$4.5M*)

National Science Foundation. \$1,800,000. ‘LEARNing to Build STEM Research Communities- A Proposal to Strengthen, Expand, and Disseminate a Successful Retention Model’. 2015-2020. WCU Principal Investigator.

National Science Foundation. \$169,758.00. “Learning Environment and Academic Research Network (LEARN): A Model for Retention in the STEM Disciplines” 2010–2014. Co-Principal Investigator.

National Science Foundation. \$53,696.00. SCC Advance: “Strengthening the Foundation of STEM Education for Seminole Community College Students.” 2008–2010. Co-Principal Investigator.

National Science Foundation. \$276,583.00. “Building a Community of Learners/Scholars to Develop, Assess and Disseminate Educational Materials/Teaching Practices in Machine Learning.” 2007-2009. Co-Principal Investigator.

Full list of funded grants attained available on request

PUBLISHED BOOK

Teaching Creatively: Ideas in Action. Alison I. Morrison-Shetlar and Mary R. Marwitz.
Publisher: Outernet Publishing LLC, Minnesota. 2002.

PEER REVIEWED PUBLICATIONS

Meeroff, D., Chamely-Wiik, D., Kwochka, W. R., Frazier, E. M., Merritt, J., Aldarondo-Jeffries, M., Morrison-Shetlar, A. I., & Schneider, K. R. (2019, June), *Work in Progress: A Transferable Model to Improve Retention and Student Success in STEM through Undergraduate Research (NSF LEARN Consortium)* Paper presented at 2019 ASEE Annual Conference & Exposition, Tampa, Florida. <https://peer.asee.org/33587>

Schneider, K.R., Bickle, A. and Morrison-Shetlar A.I. Planning and implementing a comprehensive student-centered research program for first-year STEM undergraduates. *Journal of College Science Teaching*. 44(3):37-43, 2015.

Regassa, L.B. and Morrison-Shetlar A.I. Student Learning in a Project-Based Molecular Biology Course. *Journal of College Science Teaching*. 48:58-67, 2009.

Hargis, J. and Morrison-Shetlar, A.I. (2009, August 12) "One Size Does Not Fit All: A Look into Three Distinctly Different Faculty Centers and How Their Approaches Differ. "Mountain Rise. Retrieved September 1, 2009, from <http://www.wcu.edu/facctr/mountainrise/issue.html>.

Claiborne, J.B., Choe, K.P., Morrison-Shetlar, A.I., Weakley, J.C. Havird, J., Freiji, A., Evans, D.H., and Edwards, S.L. Molecular Detection and Immunological Localization of Gill Na/H Exchanger in the Dogfish (*Squalus acanthias*). *Am. J. Physiol. Regul. Integr. Comp. Physiol.*, 294: R1092-R1102, 2008.

Regassa, L.B. and Morrison-Shetlar, A.I. Designing and Implementing a Hands-On, Inquiry-Based Molecular Biology Course. *Journal of College Science Teaching*. 36(6):36-41, 2007.

Edwards, S. L. Wall, B.P., Morrison-Shetlar, A.I., Sligh, S., Weakly, J.W., and Claiborne, J.B. The Effect of Environmental Hypercapnia and Salinity on the Expression of NHE-Like Isoforms in the Gills of a Euryhaline Fish (*Fundulus heteroclitus*). *Journal of Experimental Zoology*. 303A:464-475, 2005.

Morrison-Shetlar, A.I. and Hohenleitner, K. Investing in Faculty at Every Career Stage. In: *What works, what matters, what lasts?* 4: 5 – 10, 2004.

Richardson, M., Morrison-Shetlar, A. I., and Shetlar, R. (2003) Because His Shell Is Empty: Writing Poetry about Biology. *Language and Learning Across the Disciplines*. *Language and Learning across the discipline*. 6(2): 63 – 85, 2003.

Battles, D.A., Franks, M.E., Morrison-Shetlar, A.I., Orvis, J.N., Rich, F.J., and Deal, T.J., Environmental Literacy for All Students: Evaluation of Environmental Science Courses Developed for a New Core Curriculum. *Journal of College Science Teaching*, 32 (7):458-465, 2003.

Choe, K. P., Morrison-Shetlar, A. I., Wall, B. P., and Claiborne, J. B. Immunological Detection of Na⁺/H⁺ exchangers in the gills of a hagfish, *Myxine glutinosa*, an elasmobranch, *Raja erinacea*, and a teleost, *Fundulus heteroclitus*. Comp. Biochem. Physiol. 131:375-385, 2002.

Claiborne, J.B., Edwards, S.L., and Morrison-Shetlar, A.I. Acid-base regulation in fishes: Cellular and molecular mechanisms. Journal of Experimental Zoology. 293:302-319, 2002.

Complete list of published articles available on request

RECENT KEYNOTE PRESENTATIONS

High Impact Leadership Conference, Asheville, NC. ‘Transformative Leadership in Action’ March 15, 2019. (YouTube video available)

Land of Sky Regional Council, Asheville, NC. ‘WCU: A Catalyst for Economic and Community Development’ October 23, 2018.

Executive Leadership in Academic Technology, Engineering and Science (ELATES), Drexel University, PA. ‘Conversations on Leadership’ (by video). August 9, 2018.

North Carolina Association of Higher Education Facilities Officers (NCAPPA), Cullowhee, NC. ‘Working Together to Support University Success’ May 17, 2018.

North American ResNet and Student Technology Collaboration Conference, Cullowhee NC. ‘IT Support and Faculty: the great divide – or not?’ June 20, 2017.

Charting your Path – NSF funded conference for Women, UNC Charlotte, NC. ‘Allies, Advisors and Advocates’ May 18, 2017.

Over 200 national or international conference or workshop presentations available on request.

ORGANIZATION MEMBERSHIPS (Past and Present)

Association of Governing Boards of Universities and Colleges (AGB)

American Council on Education (ACE)

American Association of Colleges and Universities (AAC&U)

American Association of State Colleges and Universities (AASCU)

American Council of Academic Deans (ACAD)

Council on Colleges of Arts and Science (CCAS)

International Council of Fine Arts Deans (ICFAD)

Project Kaleidoscope (AAC&U/PKAL)

SELECTED AWARDS AND RECOGNITIONS

- Western Carolina University:
 - Board of Trustees resolution for *Exemplary Service to the University* as Interim Chancellor (2019)
 - *Recognition of Service Award* (2019)

- Kappa Alpha Psi Fraternity Inc. *2019 Service in Education Award* (2019)
- Georgia Southern University:
 - *College of Science and Technology Excellence in Teaching Award* (2001)
 - *University Excellence in Teaching Award* (2001, 1997)
- State of Georgia Board of Regents *Distinguished Professor of Teaching and Learning* (1999–2000 and 1998–1999)