

JENNIFER M. O. GLOWIENKA
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EDUCATION

Ph.D.	Evolutionary Botany	University of Colorado at Boulder, 2003
B.S.	Biology	Boise State University, 1997

ADMINISTRATIVE EXPERIENCE

Interim Co-President

Carroll College, Helena, MT 07/2025 – present

Key Responsibilities:

- Providing institutional leadership and direction for the College
- Managing, leading, and directing the staff and functions for including academics, enrollment, retention, marketing, communications and public relations, human resources, the use of technology to enhance institutional effectiveness, campus ministry, and the Co-President's office
- Protecting and enhancing the College's fiscal strength
- Providing direction and support for the enhancement of academic program
- Ensuring a positive College image
- Implementation of the College's strategic plan

Senior Vice President for Academic Affairs and Dean of the College

Carroll College, Helena, MT 07/2021 – present

Key Responsibilities:

- President's Office (when not serving as Co-President)
 - Report directly to the President
 - Act on behalf of the President in his/her absence
 - Serve on the Executive Leadership Team and the Carroll Leadership Team
 - Make recommendations to the President for all faculty hiring
 - Make tenure and promotion recommendations to the President
 - Make budgetary recommendations to the President
- Academic Affairs (Budget, strategy, ensure academic excellence)
 - Responsible for advancing and fulfilling the mission of the College
 - Work closely with the Associate Vice President for Academic Affairs and the President on Strategic Planning and Accreditation
 - Ensure systematic review of academic programs to ensure quality and current course content.

- Lead vision and strategy for academics
- Work closely with the Vice Presidents for Finance, Facilities, and Administration; Student Engagement; Institutional Advancement; and the Athletic Director
- Serve as the main academic contact for Human Resource, Office of Institutional Advancement, Business Office, Admissions, Marketing, Athletics,
- Manage operational academic budget of over \$9 million annually
- Manage academic endowments, endowed Professorships and Chairs
- Manage academic grants and grant budget
- Responsible for over 80 academic programs, 5 of which have specialized accreditation, the Office of the Registrar, and the Corette Library and Simperman Learning Commons
- Responsible for new academic and co-curricular initiative development and implementation
- Board of Trustees
 - Serve as the staff liaison for the Academic Affairs committee, serve on the Buildings and Grounds Committee, and represent the Academic Affairs Division
- Supervision:
 - Oversee 20 department chairs as direct reports
 - Associate VP for Academic Affairs and Senior Exec for Academic Affairs are direct reports

Associate Vice President for Academic Affairs

Carroll College, Helena, MT, 07/2019 – 06/2021

Responsibilities:

- Serve as Accreditation Liaison Officer (ALO) to the Northwest Commission on Colleges and Universities and oversee academic program review
- Participate in institutional and academic strategic planning
- Participate in the development and implementation of new academic programs, including master's degrees and post-baccalaureate programs
- Represent Academic Affairs on the Curriculum Committee, Rank and Tenure Committee, various *ad hoc* committees and task forces
- Collaborate closely with the Saint's (student) Success Center and the Registrar's Office to provide academic support for students and oversee student grade appeals and grievances
- Create and revise academic policies and transfer/articulation agreements
- Work directly with academic program advisory boards and collaborate with the Office of Institutional Advancement on academic fundraising
- Manage academic grants and the grant match budget
- Serve on the President's Cabinet
- Establish community partnerships

- Supervise Registrar's Office (effective 01/2021)
- Serve as Dean of Graduate and Professional Studies (effective 7/2021)

Assistant Dean of Instruction

Carroll College, Helena, MT, 06/2018 – 07/2019

Responsibilities:

- Accreditation Liaison Officer to the Northwest Commission on Colleges and oversee academic program review
- Work with the VPAA, AVPAA, and academic departments to explore, develop, improve, and/or assess academic programs/initiatives
- Initially tasked with developing a Center for Teaching Excellence & Student Success but pivoted to other duties based on administration changes
- Lead a task force charged with developing in a new workload policy proposal
- Serve as chairperson of the Academic Program Prioritization task force
- Lead the Health and Sciences advisory board and collaborate with the Office of Institutional Advancement on academic fundraising

Chair of the Department of Life and Environmental Sciences

Carroll College, 08/2012–07/2018

Responsibilities:

- Supervise up to 15 full-time, tenure-track faculty members, one part-time faculty member, two instructors, and one staff member in biology, earth sciences, chemistry, and physics.
- Manage course scheduling and departmental operational and restricted budgets (combined across programs for up to approximately \$350,000 per year).
- Provide faculty and staff evaluations, and oversee departmental hiring
- Complete program review, implement programmatic and curricular initiatives
- Work closely with academic student services and admissions departments.

FACULTY APPOINTMENTS

Professor of Biology	08/2018–07/2019
James J. Manion Endowed Professor of Biology	02/2018-07/2019
Associate Professor of Biology	08/2008–08/2018
Assistant Professor of Biology	08/2003–08/2008

Courses taught: BI 171 and 172 Biological Principles I & II, BI 206 Plant Biology, BI 281 Genetics, BI 370 Evolutionary Analysis, SA 285 Natural History of the Peruvian Amazon Basin, LAS 206 Perspectives on Gender, BI 496 Senior Seminar, BI 499 Honors Thesis Writing

HIGHER EDUCATION LEADERSHIP DEVELOPMENT

Council for Independent Colleges and Universities

- 2025-2026 Presidential Vocation and Institutional Mission program for prospective college and university presidents and their spouses and partners

Council for Independent Colleges and Universities

- 2024 Workshop for Chief Academic Officers in their 3rd and 4th year of service
- 2022 Workshop for new Chief Academic Officers
- 2021 Workshop for new Chief Academic Officers

Northwest Commission on Colleges and Universities (NWCCU)

- 2022 NWCCU Annual Conference, Seattle, WA
- 2020 NWCCU Annual Conference, virtual, Nov. 2020
 - Workshop: ALO Training on the 2020 Eligibility Requirements and Standards
 - Workshop: NWCCU Mission Fulfillment Fellowship
- 2019 NWCCU Annual Conference, Seattle, Washington, Nov. 2019
 - Workshop: 2020 Eligibility Requirements and Standards: ALOs and Chairs
- NWCCU Mission Fulfillment Training Workshop, Seattle, WA, March 2019
- NWCCU Universities Accreditation Liaison Officer Training Workshop, Seattle, WA, March 2019

Association of American Colleges and Universities (AAC&U)

- AAC&U Transforming STEM Education Conference and PKAL STEM Leadership follow-up workshop, Boston, MA, Nov. 2016
- AAC&U Project Kaleidoscope (PKAL) STEM Summer Leadership Institute, Crestone, Colorado. July, 2013. An intensive 5-day workshop for faculty "leading projects aimed at transforming undergraduate STEM education in their classrooms, departments, and institutions." Participation in this institute resulted in my initiation of curriculum changes in the biology department at Carroll College

Accreditation Review Commission on Education for the Physician Assistant (ARC-PA)

ARC-PA Provisional Pathway Conference, April 2022

Partnership for Undergraduate Life Sciences Education (PULSE)

PULSE helps life sciences departments at all institutions of higher education align with national education reform initiatives so they can develop inclusive, student-centered, evidence-based teaching and learning in order to cultivate the development of scientists who reflect the diversity of American society.

- Organized and participated in a workshop at Carroll put on by Dr. Bill Davis from Washington State University, our PULSE mentor, on curriculum mapping and assessment. May, 2015.
- Northwest Biology Instructor's Organization (NWBIO) conference, Bellevue, WA. May, 2014. Presented an update from the PULSE workshop on our department's progress toward the goals we articulated at the PULSE workshop.
- PULSE 3-day workshop, Seattle, WA. Oct., 2013. A 3-day workshop for institutional teams of 3 faculty to learn how to "align with national education reform initiatives to develop inclusive, student-centered, evidence-based teaching and learning..."

Combined with the PKAL Summer Institute, my team's participation in this workshop led to biology curriculum changes.

M. J. Murdock Charitable Trust

- Leadership Now: Called to Serve in This Moment, M. J. Murdock Charitable Trust, virtual, Dec. 2020.
- Invited panelist for a department chair workshop at the Murdock College Science Research Conference to discuss Carroll's build-up of undergraduate research, its challenges, and opportunities. Nov. 2015.

The Council of Independent Colleges

- 2019 Institute for Chief Academic Officers with Chief Advancement and Public Relations Officers, Baltimore, MD, Nov. 2019.

Carroll College

- Member of a group of 6 Carroll faculty that spent 5 days at the Bellarmine Jesuit Retreat outside of Chicago, IL in 2018. The retreat was facilitated by David McCallum, SJ, Executive Director at Discerning Leadership Program. The retreat focused on integrative teaching and learning that honors the whole human being.

SCHOLARSHIP, GRANT SUPPORT, PUBLICATIONS AND PRESENTATIONS

Research

- Infectious Disease Ecology in Montana; molecular genetics and evolution, 2009–2021
- Origin of the Hawaiian Pteridophyte Flora, 2003–2009
- Doctoral Dissertation Research: Origin and Diversification of Hawaiian *Dryopteris* (Dryopteridaceae), 1998–2003

Grants

- National Institute of General Medical Sciences of the National Institutes of Health. Award Number P20GM103474. MT INBRE Montana West Nile Virus Surveillance and Risk Model Validation: **\$62,717.00**. Co-investigator. 05/2020 – 04/2021.
- National Institute of General Medical Sciences of the National Institutes of Health. Award Number P20GM103474. MT INBRE Montana West Nile Virus Surveillance and Risk Model: **\$49,923**. Principle Investigator. 05/2019 – 04/2020.
- GEAR UP Summer Program – Preserving the Planet: Environmental Studies with the Future in Mind. **\$16,451** with \$16,016 Carroll College match. Co-director. 06/2019.
- National Institute of General Medical Sciences of the National Institutes of Health under Award Number P20GM103474. MT INBRE: Montana West Nile Virus Risk Model: **\$65,000**. Principle Investigator. 05/2018-04/2019
- National Institute of General Medical Sciences of the National Institutes of Health under Award Number P20GM103474. MT INBRE: Montana West Nile Virus Risk Model: **\$69,570**. Principle Investigator. 05/2017-04/2018

- GEAR UP Summer Program – Preserving the Planet: Environmental Studies with the Future in Mind. **\$20,152** with \$20,152 Carroll College match. Co-director. 06/2018
- GEAR UP Summer Program – Preserving the Planet: Environmental Studies with the Future in Mind. **\$20,152** with \$20,152 Carroll College match. Co-director. 06/2017
- M.J. Murdock Charitable Trust Start Up Research Grant for New Faculty in Ecology. **\$30,000** with \$30,000 Carroll College match. 08/2016–2018
- GEAR UP Summer Program – Preserving the Planet: Environmental Studies with the Future in Mind. **\$20,152** with \$20,152 Carroll College match. Co-director. 06/2016.
- Howard Hughes Medical Institute Undergraduate Science Education Grant (Grant #52007534): Preparing Montana and American Indian Students for Matriculation into Science Careers. **\$1,000,000**. Research Associate. 08/2012–2017
- National Institutes of Health grant through MT INBRE: Spatial Epidemiology of West Nile Virus Infection Risk across Montana: \$101,696 renewable for up to 5 years for more than **\$500,000**. Co-investigator. 05/2009–2014
- National Science Foundation. Collaborative Research: Origin of the Hawaiian Pteridophyte Flora, with T. A. Ranker, CU-Boulder. Total amount of award: **\$311,674**; amount awarded to **J.M.O. Geiger** and Carroll College: **\$100,946**. 01/2004–2007

Peer-Reviewed Publications

- Kuo, L.-Y., Y.-H. Chang, **J. M. O. Glowienka**, V. B. Amoroso, S.-Y. Dong, T.-T. Kao, C.-N. Wang, and W.-L. Chiou. 2016. A revised framework of *Dryopteris* subg. *Nothoperanema* (Dryopteridaceae) inferred from phylogenetic evidence, with descriptions of two new sections. *Systematic Botany* 41(3): 596–605.
- Hokit, D. G., S. Alvey, **J. M. O. Geiger**, G. D. Johnson, D. T. Kinsey, B. Stiff, N. Tall Bear. 2013. Using Undergraduate Researchers to Build Vector Surveillance Capacity for West Nile Virus. *Int J Environ Res Public Health*. 10(8):3192-202.
- Geiger, J. M. O.**, P. Korall, A. C. Kleist*, C. Nelson*, and T. A. Ranker. 2013. Molecular Phylogenetic relationships of *Cibotium* and origin of Hawaiian endemics. *American Fern Journal* 103(3): 141-152.
- Geiger, J. M. O.**, T. A. Ranker, J. M. Ramp Neale, and S. T. Klimas. 2007. Molecular biogeography and origins of the Hawaiian fern flora. *Brittonia* 59(2): 142-158.
- Schneider, H., T. A. Ranker, S. J. Russell, R. Cranfill, **J. M. O. Geiger**, R. Agurauja, K. R. Wood, M. Grundmann, K. Kloberdanz, and J. C. Vogel. 2005. Origin of the endemic fern genus *Diellia* coincides with the renewal of Hawaiian terrestrial life in the Miocene. *Proceedings of the Royal Society London Series B* 272:455-460.
- Geiger, J. M. O.** and T. A. Ranker. 2005. Molecular phylogenetics and historical biogeography of Hawaiian *Dryopteris* (Dryopteridaceae). *Molecular Phylogenetics and Evolution* 35: 392-407.

Ranker, T. A., A. R. Smith, B. S. Parris, **J. M. O. Geiger**, C. H. Haufler, S. C. K. Straub, and H. Schneider. 2004. Phylogeny and evolution of grammitid ferns (Grammitidaceae): a case of rampant morphological homoplasy. *Taxon* 53(2): 415-428.

Ranker, T. A., **J. M. O. Geiger**, S. C. Kennedy, A. R. Smith, C. H. Haufler, and B. S. Parris. 2003. Molecular Phylogenetics and evolution of the endemic Hawaiian genus *Adenophorus* (Grammitidaceae). *Molecular Phylogenetics and Evolution* 26: 337-347.

Book Chapters

Ranker, T. A. and **J. M. O. Geiger**. 2008. Population Genetics. In: *The Biology and Evolution of Ferns and Lycophytes*. Ranker T. A. and C. H. Haufler (Eds.), Cambridge University Press.

Selected Papers and Posters Presented at Professional Meetings

Hokit G., D. Kinsey, N. Tall Bear, S. Alvey, and **J. Glowienka**. 2015. Scaling Up Authentic Research Experiences at Montana Tribal Colleges. Promoting Persistence and Success: HHMI Constellation Studio A for Science Education June 8-10, 2015, Bethesda, MD

Alvey, S., **J. M. O. Geiger**, D. G. Hokit, G. Johnson, D. Kinsey, B. Stiff, and N. Tall Bear. 2012. Poster: Using Infectious Disease Ecology to Train Montana Undergraduate Students. Howard Hughes Medical Institute 2012 Undergraduate Program Directors and HHMI Professors Meeting. Chevy Chase, Maryland. October 8 - 11, 2012.

Hokit, D. G., **J. M. O. Geiger**, S. Alvey and G. Johnson. 2011. Spatial Epidemiology in Montana: West Nile Virus and Beyond. Western Region IDEA Scientific Conference June 5-7, 2011, Reno, Nevada.

Ranker, T. A., **J. M. O. Geiger**, M. A. Sundue, J. M. Ramp Neale, and R. Neale. 2011. The importance of SE Asia for the Hawaiian Islands. XVIII International Botanical Congress, Melbourne, Australia.

McKeown, M.* and **J. M. O. Geiger**. 2010. Poster: Phylogeography of West Nile virus in Montana. NIH, NCRR Third Biennial National IDeA Symposium. June 16 - 18, 2010 Bethesda, MD

Hokit, D. G., **J. M. O. Geiger**, S. Alvey and G. Johnson. 2010. Poster: An Infection Risk Model for West Nile Virus in Montana. NIH, NCRR Third Biennial National IDeA Symposium. June 16 - 18, 2010, Bethesda, MD

Geiger, J. M. O. and T. A. Ranker. 2007. Biogeography, diversification, and speciation of the ferns of the Hawaiian Islands. Botany 2007 meetings, Chicago, IL.

Geiger, J. M. O., M. E. Wright, K. Christensen*, S. D. Fehlberg, and T. A. Ranker. 2006. Alternate pathways of fern dispersal to the Hawaiian Islands, Part 1: *Hypolepis* & *Diplopterygium*. Botany 2006 meetings, Chico, CA.

Kleist, A. C.*, C. L. Nelson*, **J. M. O. Geiger**, P. Korall, T. A. Ranker, and K. M. Pryer. 2006. Alternate Pathways of fern dispersal to the Hawaiian Islands, Part 3: *Cibotium*. Botany 2006 meetings, Chico, CA.

Geiger, J. M. O. and T. A. Ranker. 2005. Diversification of Hawaiian ferns. Symposium of the XVII International Botanical Congress, Vienna, entitled "Diversification of seed-free vascular plants in the shadow of angiosperms"

Ranker, T. A., **J. M. O. Geiger**, J. M. Ramp, and S. T. Klimas. 2005. Molecular biogeography and origins of the Hawaiian fern flora. Symposium of the XVII International Botanical Congress, Vienna, entitled "Modern phylogenetic studies in the Pteridophyta." Vienna, Austria.

Ranker, T. A., A. R. Smith, B. S. Parris, **J. M. O. Geiger**, C. H. Haufler, S. C. K. Straub, and H. Schneider. 2004. Phylogeny and evolution of grammitid ferns (Grammitidaceae): a case of rampant morphological homoplasy. International Pteridophyte Symposium: Ferns for the 21st Century. Royal Botanic Garden, Edinburgh, UK.

Geiger, J. M. O. 2004. Origin and diversification of Hawaiian Dryopteris (Dryopteridaceae). Invited Speaker, Taiwan Forestry Research Institute, Taipei, Taiwan.

*denotes undergraduate students I have mentored

Directed Undergraduate Theses – available upon request (27 theses)

Editorial and Peer Review Work

- Editor-in-chief of the quarterly published, peer-reviewed American Fern Journal 2006–2012
- Reviewer of scholarly articles for peer-reviewed journals including: Systematic Botany, International Journal of Plant Sciences, American Journal of Botany, American Fern Journal
- Reviewer of research proposals submitted to the National Science Foundation and to the National Fish and Wildlife Foundation

CARROLL COLLEGE ACHIEVEMENTS AND SERVICE

- Member of several campus and faculty committees as Senior Vice President for Academic Affairs
 - Budget Advisory Committee
 - Rank and Tenure Committee
 - Academic Policy Committee
 - Retention Committee
- Co-Chair of a Shared Governance Task Force, 2024- present
- Developing partnerships with other institutions and organizations, 2020-present
- Leading the development of a Master's of Physician Assistant Studies Program, 2022-2028
 - Have secured over \$1.5 million in grant funding to support program development
- Oversaw the implementation of the Master of Social Work Program
- Oversaw the implementation of the Accelerated Nursing track
- Member and Chair of various search committees: 2021-present
- Chair of an ad hoc committee charged with the development of a new External Speaker and Public Event policy, 2022-2023; led and policy was successfully adopted
- Co-Chair of a "Liberal Arts Task Force"

- Member of the Senior Vice President for Academic Affairs search committee, 2021
- Member and Chair of an ad hoc committee to revise the Faculty Handbook, 2021-2023
- Member of an ad hoc committee to develop a new academic “school” structure, 2019-2020
- Member of the Carroll College Realign, Reimagine, Reinvest ad hoc committee, 2020-2021
- Member of the Nationally Competitive Scholarship review committee, 2018-2021
- Member of the MT Campus Compact Advisory Board, 2018-2021
- Chair of the Doctor of Nursing Practice search committee, 2019-2020
- Member of the Master of Social Work Director committee, 2019-2020
- Part of a team leading the development of an Accelerated Nursing Program, 2019-2021
- Member of the Dean of Students search committee, 2019
- Member of Vice President of Institutional Advancement search committee, 2018-2019
- Academic Task Force chair during Program Prioritization, 2018-2019
- Member of the Rank and Tenure Committee; for Academic Affairs, 2019-present; as faculty, 2010-2011 and 2018
- Member of the Carroll Presidential transition team, 2018
- Member of the Curriculum Committee –for Academic Affairs, 2018-present; –as faculty, 2004-2010 (committee chair, 2006-2010)
- Member of an ad hoc Course Fee Committee, 2018
- Member/leader of an ad hoc Workload Revision Committee, 2017-present
- Member of the search committee for the President of Carroll College, 2017-2018
- Pre-Optometry advisor, 2008-2012; 2018-present
- Pre-Veterinary Advisor, 2008-2012
- Led plant identification of ‘Plants and Poetry’ for the Carroll Senior Retreat, 2007-2009
- Participant in the Foreign Language Acquisition Program (FLAP) through the Latin American Studies program, 2007-2008
- Participant in the Faculty Seminar on Mission directed by Sr. Annette Moran, 2006-2007
- Led 3 short-term study abroad courses in the Peruvian Amazon, 2005-2007
- Member or chair of numerous faculty and staff search committees in Biology, Chemistry, Health Sciences, Political Science, student services and IT, 2004-2019
- Assist in various Enrollment/Admissions events, including in Boise, ID, Portland, OR and Seattle, WA., 2004-2019
- Serve on various student and faculty grievance committees, 2004-2019
- Guest lecture by invitation in various courses outside of biology including Theology, Philosophy, and History, Catholic Studies, Gender Studies, 2004-present

COMMUNITY ENGAGEMENT

- Co-director of Montana GEAR UP Carroll College Academic Enrichment Summer Camp for 7th and 8th grade students, 2016-2019
- Women’s STEM Round-up; pairs women mentors from STEM with teen girls for networking and interactive workshops (annual participation; discussion leader), 2012-2014
- Lead middle school student activity on Mt. Helena for GEAR-UP, 2009-present
- Lead wildflower hike on Mt. Helena for local 4th graders with the MT Native Plant Society and the MT Discovery Foundation, 2006-present

HONORS AND AWARDS

- Distinguished Scholar Award, Carroll College, 2008

