Pieter A.P. deHart

College of Graduate Studies & Research
Minnesota State University-Mankato

EDUCATION:

Ph.D., Marine Biology University of Alaska, Fairbanks, Alaska 2006
Dissertation Title: A multiple stable isotope study of Steller sea lions and Bowhead whales: Signals of a changing northern environment.

M.A., Biology, Marine Boston University/BUMP, Woods Hole, Massachusetts 2002
Thesis Title: The distribution and abundance of harbor seals (*Phoca vitulina concolor*) in the Woods Hole Region.

B.S., Marine Biology University of Rhode Island, Kingston, Rhode Island 2000

PROFESSIONAL APPOINTMENTS:

Apr. 2024-Present Minnesota State University-Mankato, Mankato, Minnesota
Dean of Graduate Studies & Associate Provost for Research, Full Professor of Biology (tenured)

Key Leadership Roles & Responsibilities

- tenured faculty and Chief Academic Officer for graduate education, as well as Chief Research Officer for the university
- lead and strongly advocate for deans, faculty, staff, and students on graduate education, research, and external funding; assist deans and faculty in their research goals and endeavors, encourage interdisciplinary activities across programs, foster graduate and research involvement, and elevate the university's productivity and rankings
- serve as the administrative chair of the shared governance committees related to graduate curriculum and policy, as well as research administration
- serve as the university's official representative to federal and state research agencies, commissions, and councils, and other research, graduate, and professional associations including the Council of Graduate Schools
- lead graduate program quality and services, cultivating partnerships and new initiatives, promoting graduate faculty leadership and development, and increasing graduate student enrollment, learning, and achievement
- provide leadership for the development and implementation of academic policies, practices, procedures, and programs designed to enhance the academic experience and achievement for all graduate students
- oversee university research compliance, including human subjects/IRB, Institutional Animal Care and Use, Responsible Conduct in Research, intellectual property and technology transfer, and export control; represent the university's graduate and research enterprises to industry and

employer advisory boards, regional economic development groups, and system task forces and committees
- provide strategic leadership for the university's research enterprise and creative endeavors, including the Center for Excellence in Scholarship and Research and the division of Research and Sponsored Programs
- oversee a dedicated professional staff within the College of Graduate Studies and Research, developing leadership activities, supporting professional development and growth, and providing direction and guidance for future growth
- serve as chief finance and administration officer for the College of Graduate Studies and Research, including the responsible management and development of resources for the college

Notable Projects
- Conducted university-wide program portfolio review and refinement, including refinement and implementation of tools for program health and planning; yielded significant reductions in portfolio (>30%) to increase operational efficiency with minimal student impact (<1% of student body), allowing us to focus more on university mission and growth potential
- Reduced barriers to underserved populations in graduate admissions processes; implementing a new admissions platform to allow for greater operational flexibility and economic sustainability; yielded 5.4% year-over-year growth in grad student population; reestablished MSU as the second largest educator of graduate students in the state of Minnesota
- Collaborated with academic leaders to promote and increase extramural scholarship, including the creation of broadcast channel to highlight research accomplishments; yielded year-over-year increases in total extramural federal submissions by 30%, number of awards by 10%, and award funding increase by 50%, nearly doubling the award dollars supporting student success

Jan. 2020-Apr. 2024 University of Wisconsin-Green Bay, Green Bay, Wisconsin
Associate Vice Chancellor for Graduate Studies & Research, Full Professor of Biology (tenured)

Key Leadership Roles & Responsibilities
- tenured faculty and senior administrative officer for all matters pertaining to graduate education, institutional and faculty research, grantsmanship, and scholarship, reporting to the provost.
- collaborated with staff, faculty, graduate program chairs and deans to assure high quality graduate programming and research, including the strategic development, management, and maintenance of efficient and integrated operations
- developed university-wide and program-specific market research plans, strategic enrollment and marketing plans, quality assurance of office websites, related publications, and catalogs, and new program identification, prioritization, and development
- oversaw all activities, strategic prioritization, budget, and staffing within the Office of Graduate Studies, the Office of Grants & Research, and institutional compliance committees
- identified and nurtured university-wide partnerships to advance scholarship, research, and graduate enrollment opportunities
- oversaw the institution's annual participation in state and national research events

- served as our institution's liaison with state system research support entities
- communicated campus scholarly achievements to a variety of audiences
- developed, managed, and maintained efficient and integrated operating procedures for all pre- and post-award extramural granting
- developed and implemented professional development opportunities for faculty, staff, and students on matters pertaining to research and extramural funding
- examined and refined graduate student admissions, academic progress, and degree completion, and managed and awarded graduate student assistantships and funding
- served as a member of the Vice Chancellor's cabinet, providing strategic recommendations on growth and budgetary matters relevant to grants, research, and graduate education
- served as the designee on all matters pertaining to the state and federal research agenda and compliance committees
- fostered external and international partnerships, educational agreements, and continued growth in research and graduate programming which reflect the mission and vision of the university

Notable Projects

- Worked collectively with faculty and continuing education representatives from the state to create intentionally-designed stackable certificates in new degree programs to serve the community and industry partners, including multiple master's degrees and a Doctorate in Applied Leadership; yielded rapid enrollment in all launched programs, measurable international student growth, and year-over-year graduate enrollment increases up to 23%
- Redesigned internal research grants structure using existing funds to serve as an incubator for extramural funding submission; yielded greater breadth of research engagement across all disciplinary areas, nearly 2x increase in extramural funds over 3 year period
- Expanded Graduate Assistantship support through creative application of one-time funds and secured selectively applied tuition waivers to students in specific programs; yielded increased enrollment in target programs, and an overall 80% increase in number of students supported, further fostering graduate enrollment growth

Sept. 2019-Dec. 2019 Unity College, Unity, Maine
Distance Education Dean of Environmental Conservation & Research, Full Professor of Biology

Key Leadership Roles & Responsibilities

- faculty and senior administrative officer for science-related curricular programming and research in Unity College's Distance Education division
- responsible for the graduate and undergraduate program curriculum, including all associated full- and part-time faculty, staff, and students and course offerings, budget and strategic planning
- created multiple new degree programs, including micro-credentials, signature courses, and immersive experiences as they related to environmental conservation
- ensured accountability for the recruitment, retention, and graduation targets for each program, including managing and building each program's fiscal resources

- led and ensured the integrity of research efforts including creating opportunities for student-faculty research collaborations and chairing multiple institutional compliance committees
- served as primary lead for faculty research efforts, integrity, and grant-writing efforts across the division
- served as the liaison with relevant professional associations and state, regional, and national entities to effectively promote the college and its mission and collaborate with partners
- collaborated directly with multiple instructional designers and technology staff to design, implement, and oversaw the continuity of appropriate pedagogical techniques for the online environment

Notable Projects

- Created, from ideation to course creation and staffing, data-driven new curricula for future growth areas across the sciences; yielded multiple new growth areas and market-leaders in environmentally focused online programming
- Implemented a new and independent model for sustainable and collaborative course and program development, bridging staff and subject matter expert faculty to best serve students; led the hiring and supervision of multiple full-time and ad hoc faculty and staff
- Assisted in the transition of campus academic operations for online programming from Unity to Pineland Farms, Maine, including employee onboarding in new location; yielded future growth and establishment of expanded facilities in a new market

Aug. 2016-Sept. 2019 Unity College, Unity, Maine
Dean of the School of Environmental Citizenship, Associate Professor of Biology 2017-2019
Visiting Associate Professor of Ecology 2016-2017

Key Leadership Roles & Responsibilities

- faculty and senior administrative officer for the larger of two Unity College Schools responsible for multiple program areas, degree majors, faculty and staff
- led overarching institutional efforts in six major areas, including responsibility for school assessment, management of school curriculum, majors, and programs, and instructional budget and facilities
- supported college-wide efforts including marketing and student recruitment, student success and retention, and strategic planning, faculty grants, and general education curriculum
- hired adjunct faculty and supervised all school faculty, staff, administrators, and program chairs
- served as the liaison with relevant professional associations and state, regional, and national regulatory and accrediting agencies
- assisted and made recommendations to the provost on personnel matters involving full-time employees including recruiting, appointment, faculty evaluation, retention, promotion and merit, termination, and dismissal; prepared and approved faculty workload plans, as well as long-range professional development plans within the school
- worked with school faculty and staff in the student recruitment and retention processes, coordinated effective institutional advising processes

- facilitated the development of appropriate distance education and graduate offerings
- received and adjudicated student concerns as part of the academic complaint process
- encouraged grant applications and proposal preparation for extramural funding
- served as member of both the senior staff and academic leadership team, working with the president to ensure the academic integrity and forward momentum of and innovation in our work in keeping with the mission of the college

Notable Projects

- Created a culture of research engagement and accountability through supervision and review of full-time faculty and direct hiring of adjunct faculty; yielded robust opportunities to highlight research work done across campus, including regular public presentation (Fishbowl) series and conversion of internal support to extramural funding across multiple disciplines
- Built and field-tested a model for international research and teaching collaboration with institutions across North and South America; yielded increased summer student engagement and strengthened research partnerships across multiple disciplines for faculty and students
- As a member of the president's cabinet, led processes in the development of the new institutional strategic plan; yielded a simple, flexible, and community-engaged model for the future of the college which assisted in its future growth

2009-Aug. 2016 Virginia Military Institute, Lexington, Virginia
Director of Undergraduate Research, Associate Professor of Biology (tenured) 2015-2016
Assistant Professor of Biology (tenure-track) 2009-2015

Key Leadership Roles & Responsibilities

- tenured faculty and primary administrative officer for the VMI Center for Undergraduate Research, reporting directly to the Provost/Vice President for Academic Affairs
- managed a diverse research portfolio across the institute, including a twice-yearly research symposium, travel and supply grants, and awards associated with undergraduate research, and supervised multiple full-time staff members
- expanded endowment-supported research funds to create a robust research atmosphere at the institute
- spearheaded the interdisciplinary Summer Undergraduate Research Institute, through which most professional development and scholarly work occurred across the institute
- communicated directly with internal and external constituencies to highlight and connect research activities, including serving as the primary liaison to the Virginia Academy of Science and the Council for Undergraduate Research
- developed and recommended innovative opportunities for further engagement in research across and beyond the institute

Notable Projects

- Expanded the internal showcase of undergraduate research; yielded greater faculty and student participation in high impact practices, as well as greater recognition of on-campus activities

- Refined the internal research award program to support a broader spectrum of disciplines engaging in student-centered research; yielded first-ever participation in formal research from multiple traditionally underrepresented disciplines in the arts, humanities, and business
- Intentionally expanded institutional leadership in environmental science, including serving on the board of the Environment Virginia Symposium (and primary liaison for guest speakers such as J. Craig Ventner) and building a new concentration in biology; yielded expanded student participation in state-wide events and research engagement, significant publicity for the institute, and record increase in enrollment in the Biology major

2007-2016 **University of Waterloo, Waterloo, Ontario (Canada)**
Adjunct Professor of Biology

2006-2009 **Mount Ida College, Newton, Massachusetts**
Program Director of Science & Mathematics, Asst. Professor of Biology (tenure-track) 2007-2009
Visiting Assistant Professor of Biology 2006-2007

Key Leadership Roles & Responsibilities

- tenure-track faculty and administrative officer for the science and mathematics division of the college, reporting to the School Director and accountable to the Vice President for Academic Affairs
- oversaw courses and faculty supporting every degree program at the college, including and especially general education curricula
- assessed programs, curriculum, majors, and instructional budget and facilities
- supported college-wide efforts including marketing and student recruitment, student success and retention, and strategic planning
- hired adjunct faculty, supervised and evaluated all program faculty and staff
- developed and prepared faculty workload plans, including the design of professional development activities within the program
- received and adjudicated student and peer concerns
- garnered extramural funding to support program activities

Notable Projects

- Built new staffing structures across mathematics and science disciplines; yielded significant efficiencies in faculty and student engagement, including better utilization of summer terms
- Created, from scratch, a model for research integrity and regular laboratory and equipment maintenance; yielded both fiscal savings and expanded opportunities for hands-on engagement in modern analytical processes across the sciences
- Developed and implemented a model for interdisciplinary teaching across the sciences; yielded multiple new course opportunities for students in a limited curriculum, enhancing retention in high-demand fields such as dental hygiene and veterinary technology

2007 **BroadReach/Academic Treks (with college credit administered through Lesley University)**
Course Instructor, Dolphin Studies

2005-2006	Resident Scientist, NSF GK-12 TASK Program, Fairbanks, Alaska
2002-2005	Graduate Researcher/Teaching Assistant**,** University of Alaska ("Stable Isotope Techniques in Environmental Research")
2000-2002	Research Assistant, Woods Hole Oceanographic Institution, Marine Mammal Acoustics Laboratory
2000-2002	Graduate Researcher, Boston University Marine Program
1999-2002 *Outreach Scientist*	University of Rhode Island, Office of Marine Programs

TEACHING ASSIGNMENTS IN PROFESSORIAL & INSTRUCTOR POSITIONS:
Introduction to Marine Biology & Oceanography (Grades 4-16; experiential learning)
Dolphin Studies (100-level, Lecture & Field; in Belize, S.A.)
Ecology & Evolution (300-level, Lecture & Lab)
General Zoology (200-level, Lecture & Lab)
Anatomy & Physiology I (100-level, Lecture & Lab)
Anatomy & Physiology II (100-level, Lecture & Lab)
Survey of Human Form & Function (100-level, Lecture & Lab)
Science from the Perspective of the Human Body (200-level, Lecture)
Marine Mammals & Seabirds (400 & 600-level, Lecture, Lab, & Field; in New Brunswick, Canada)
Aquatic Ecosystems (300-level, Lecture & Lab/Field)
Evolutionary Biology (400-level, Lecture)
Conservation Biology (200, 300, & 500-level, Lecture & Lab/Field)
Marine Vertebrate Zoology (300 & 500-level, Lecture, Lab, & Field)
Biodiversity & Systematics II (100-level, Lecture)
General Biology I (100-level, Lecture & Lab)
General Biology II (100-level, Lecture & Lab)
Independent Research (200, 300, 400, 500, & 600- level, Lab)
Biology Senior Seminar/Capstone Research (400-level, Lecture & Lab)
Population and Community Ecology (200-level, Lecture & Lab/Field)
Honors Transdisciplinary Capstone (400-level, Lecture & Practicum)
Ecosystem Ecology (400-level, Lecture)
Marine Mammalogy (400 & 600-level, Lecture)
Fur & Fin: Ecology of the Brazilian Amazon (300 & 500-level, Field)

ADDITIONAL LEADERSHIP/MENTORSHIP:
Graduate Advisor and Committee Member, multiple MS students, MSU & UWGB, 2020-present
Graduate Co-Advisor, multiple Master's and Ph.D. Students, UFAM, 2015-present
Active participation in AAC&U and the American Conference of Academic Deans, 2017-2021
Representative at the Compact for Faculty Diversity/Institute on Teaching and Mentoring, 2017, 2022
Applied thesis mentor at Unity College, December 2016-May 2018
Unity College Undergraduate Research Program Leadership Committee, August 2016-2019
Undergraduate Research Committee, Chair, 2016
Chair of Departmental Assessment Committee, 2010-2016
Academy Treasurer, Virginia Academy of Science**,** 2015-2016
Chair, Science Advisory Committee, Virginia Academy of Science, 2013-2016
Chair, Environment Committee, Virginia Academy of Science**,** 2011-2015

Vice-Chair, Biology w/Micro. & Mol. Bio Division, Virginia Academy of Science, 2014-2016
Session leadership through the Society of Conservation Biology, 2012-present
Department Scheduling officer- 2010-2016
Course Director- General Biology I & II, 2011-2015
Faculty Advisor- Beta-Beta-Beta Biology Honor Society, Psi-Omicron Chapter, 2009-2015
Undergraduate Research mentor- 30+ students
Academic Advisor- ~10-20 students/year
Graduate Committee, Ms. Anne Honeywell (MS), USM, 2014.
Faculty Advisor- Environmental Coalition to Optimize Sustainability student club, 2007-2009
Program Director of Science & Mathematics, (incl. majors in Biol. & Forensic Sci,) 2007-2009
Program Representative, NSF GK-12 program, National PI Meeting, 2006
President, Boston University Marine Program Student Association, 2001-2002

SERVICE:

Member, MSU Graduate Curriculum, Assessment, and Planning Committee, Research Sub-Meet and Confer Committee, Institutional Budget Committee, Institutional Equipment sub-committee, Faculty Improvement Grants & Sabbaticals Committee, MSU-Mayo Collaboration committee
Chair-Elect, Midwest Association of Graduate Schools, April 2025-present
Member-at-Large, Midwest Association of Graduate Schools, April 2024-April 2025
Primary Member, Institutional Biosafety Committee, Ascension Health NE Wisconsin, May 2023-present
Member, UWGB Administrative Council, Graduate Academic Affairs Committee, Compliance committees (multiple), January 2020-April 2024
Chair, Midwest Association of Graduate Schools Distinguished Thesis Award Committee, August 2020-April 2024
Journal reviewer: Studies on Neotropical Fauna and Environment, Global Change Biology, Scientific Reports (Nature), Polar Science, Southeastern Naturalist, Virginia Journal of Science, 2012-present
Member, ProQuest Dissertations Deans Advisory Board, 2022-present
Member, Science Education Advisory Committee, Huntsman Marine Science Centre**,** 2013-present
Member, Unity College Academic Regulations Committee, Strategic Academic Leadership Team, Academic Leadership Team, Senior Staff, Curriculum Assessment and Planning Committee, Undergraduate Research Program Committee, May 2017-December 2019
VMI QEP Steering Committee, 2015-2016
VMI Environmental Studies program advisory committee- 2014-2016
VMI Academic Scheduling Committee- 2009-2016
VMI Distinguished Speakers Series Committee- 2015-2016
VMI Research Committee-2009-2015
Volunteer Assistant Coach- VMI Triathlon Club (2010, 2011, 2013)
Program Planning and Advisory Committee, Environment Virginia Symposium**,** 2010-2016
Summit participant and Watershed monitor, Virginia Citizens for Water Quality**,** 2010-2016
Member, Mount Ida College Faculty Senate Committees- Student & Faculty Conduct Review Board, College Planning Committee, Faculty Development & Grant Committee, Institutional Research Review Board, Faculty advisory board for curriculum, "Go Green" committee, 2006-2009
Proposal reviewer, Center for Global Change and Arctic Systems Research, 2006-pres.
Member, MIC President's Panel on Sustainability, 2007-2009

SELECTED GRANTS & AWARDS:

2022-25 US Fish & Wildlife Service multi-year research support grant, "Arctic Grayling Habitat Assessments for Reintroduction", $92,000

2021 Visiting Scholar award for hosting Doctoral student on project "Influência do represamento do rio Uatumã pela Usina Hidrelétrica de Balbina na ecologia trófica de

	peixes predadores na Amazônia Brasileira"; CAPES Foundation, Government of Brazil, $10,900
2017	Faculty Grant for Scholarship, Unity College
2016-18	Collaborative Research Grant (w/Dr. Kedma Yamamoto, UFAM), National Counsel of Technological and Scientific Development (Brazil), 200,000 R$; for work looking at trophic sources for freshwater Stingray assemblages.
2015	Jackson-Hope Foundation New Directions in Research Grant, "Building international bridges to engage students and faculty in critical environmental biological research", $30,000.
2015-17	Collaborative Research Grant (w/Dr, Carlos Freitas, UFAM), Brazilian Society for the Advancement of Science, 150,000 R$; for work comparing trophic sources to fish in acidic vs alkaline freshwater habitats.
2014	D. Rae Carpenter Award for Excellence in Research, "Examining regional variations in coyote diet in Appalachian Virginia".
2014	Small Projects Research Fund Grant, Virginia Academy of Science, "Differential nutritional resource allocation in apex predators: investing Praying mantis life stages using stable isotopes", $1,230.
2014	Grants-in-Aid of Research, VMI, $4,939.
2013	Thomas Jefferson Teaching Award
2013	NSF-Major Research Instrumentations Grant for Stable Isotope Ratio Mass Spectrometer, "Acquisition of a Isotope Ratio Mass Spectrometer for enhancing undergraduate research and training across the sciences at Washington and Lee University and Virginia Military Institute", $314,593.
2013	Jackson-Hope Foundation New Directions in Teaching Grant, "Incorporating active-learning innovations into Biology at VMI", $16,778.
2012	Grants-in-Aid of Research, VMI, "Examining the trophic structure of praying mantids using stable isotope analysis", $4,520.
2011	Grants-in-Aid of Research, VMI, "Analysis of trophic dynamics due to invasive species in mountain ecosystems of Virginia", $4,670.
2010	D. Rae Carpenter Award for Excellence in Research
2010	Grants-in-Aid of Research, VMI, "Impacts of environmental change on biodiversity and trophic ecology in mountain ecosystems of Virginia", $4,870.
2009	Competitive Travel Grant, MIC, $2,200.
2005-2006	NSF GK-12 Task Program Graduate Fellowship
2004-2006	Center for Global Change and Arctic System Research Grant, $15,000, (1-year, renewed for 2)
2005	AAAS/Science Program for Excellence in Science Award
2004	AAAS/Science Program for Excellence in Science Award
2003-2005	CIFAR/Alaska Fisheries Science Center & NOAA Living Marine Fellowship (2-year grant)
2002-2003	UAF Graduate Research Fellowship

SELECTED PEER-REVIEWED PUBLICATIONS/PRESENTATIONS:

Oliveira, ACB, CEC Freitas, M Pouilly, KC Yamamoto, LE Hurd, PAP deHart, JA Santos, CE Rezende, MG de Almeida, and FK Siqueira-Souza. (2024) Can species guilds act as hubs for energy transfer in macrophyte meadows of Amazonian floodplain lakes? *Annals of the Brazilian Academy of Sciences* 96(1): e20230327 DOI 10.1590/0001-3765202420230327.

deHart PAP. (2023) Essential international collaboration identifies the small and large-scale impacts of anthropogenic disturbance on biodiversity in the Amazon River. Published proceedings of the International Congress for Conservation Biology. Kigali, Rwanda.

Santos, JA, PAP deHart, BR Forsberg, and CEC Freitas. (2022) Impacts of river fragmentation on limiting individual dietary specialization of Amazonian predatory fish. *PeerJ* 10:e14266. https://doi.org/10.7717/peerj.14266.

Santos, JA, PAP deHart, BR Forsberg, and CEC Freitas. (2022) Isotopic niche alteration of a predator fish in a dammed Amazonian black-water river. *Journal of Fish Biology* 101(6): 1530-1539. https://doi.org/10. 1111/jfb.15230.

Soares, NN, PAP deHart, BG Marshall, M Pouilly, ACB Oliveira, MRFM Bussons, CEC Freitas, and KC Yamamoto. (2021) Ontogenetic change in the diet of *Semaprochilodus insignis* (Characiformes: Prochilodontidae) during migration between two limnologically distinct environments in the Amazon Basin. *Neotropical Ichthyology* 19(4): e210134. https://doi.org/10.1590/1982-0224-2019-0134.

Cardoso, DC, PAP deHart, CEC Freitas, and FK Siqueira-Souza (2019) Diet and Ecomorphology of predator fish species of the Amazonian floodplain lakes. *Biota Neotropica*. 19(3): e20180678. http://dx.doi.org/10.1590/1676-0611-BN-2018-0678.

Santos, JA, PAP deHart, FK Siqueira-Souza, and CEC Freitas. (2018) Trophic ecology of speckled peacock bass *Cichla temensis* Humboldt 1821 in the middle Negro River, Amazon, Brazil. *Ecology of Freshwater Fish*. 27(4): 1076-1086, DOI: 10.1111/eff.12416.

Santos, JA, PAP deHart, FK Siqueira-Souza, and CEC Freitas. (2017) Diet, carbon sources and trophic position of Peacock Bass (*Cichla temensis*) in the middle Negro River, Amazon, Brazil. Published proceedings of the International Workshop of Stable Isotopes in Life Sciences. Botucatu, Brazil.

deHart, PAP. (2017) Trophic classifications in diverse Amazonian ecosystem food webs: a new suite of keystone species? Published proceedings of the International Congress for Conservation Biology. Cartagena, Columbia.

deHart, PAP, JM Taylor, JM Doran, O Howell, and LE Hurd. (2017) Trophic niche differences in arachnid predators between field and forest ecosystems. *Entomological News* 126(4): 328-336, DOI: 10.3157/021.126.0401.

deHart, PAP, KE Powers, and BA Hyzy. (2016) Initial explorations into the feeding ecology of the invasive small Indian mongoose in the Caribbean using stable isotope analyses. *BIOS: Quarterly Journal of Biology* 87(4): 155-162, DOI: 10.1893/BIOS-D-15-00011.1.

Doran, JC, JM Doran, S Henkanaththegedara, and PAP deHart. (2016) Influence of environmental temperature on metabolic rate in aquatic ectotherms. *Virginia Journal of Science* 66 (1&2): 6-7.

Doran, JM, O Howell, JC Doran, LE Hurd, and PAP deHart. (2016) Habitat mediated differences in the trophic niche of arachnids as clarified by stable isotope analysis. *Virginia Journal of Science* 66 (1&2): 7-8.

Howell, OA, JM Taylor, JM Doran, PAP deHart, and LE Hurd. (2016) Stable isotope analysis reveals differences in trophic niche of arachnids in field and forest sites. Published proceedings of the Association of Southeastern Biologists annual meeting. Concord, NC.

deHart, PAP, LE Hurd, JM Taylor, and MC Campbell. (2015) Seasonal shifting in diet of the Chinese Mantid, *Tenodera aridifolia sinensis* Saussure (Mantodea: Mantidae) as revealed by oxygen and hydrogen isotopes. *Entomological News* 125(3):153-162.

deHart, PAP, and CM Picco. (2015) Stable oxygen and hydrogen isotope analyses of bowhead whale baleen as biochemical recorders of migration and Arctic environmental change. *Polar Science* 9(2): 235-248, DOI: 10.1016/j.polar.2015.03.002

Hurd, LE, PAP deHart, JM Taylor, MM Shearer, and M Campbell. (2015) The ontogenetically variable trophic niche of a Praying mantis revealed by stable isotope analysis. *Environmental Entomology* 44(2): 239-245, DOI: 10.1093/ee/nvv004

deHart, PAP and JA Lozier. (2015) Stable isotope analyses of dietary differentiation among free-ranging small ruminant breeds. *Virginia Journal of Science* 66 (1&2): 15-16.

deHart, PAP and JA Lozier. (2015) Size may, in fact, matter: Breed-specific and ontogenetic dietary differences in free-ranging dairy goats. Published proceedings of the Association of Southeastern Biologists annual meeting. Chattanooga, TN.

Smith, KC, PAP deHart, and GW Cox. (2015) Redefining how biologists analyze data: Augmenting the two-dimensional proportional contribution model with a three-dimensional approach to enhance analysis of stable isotope data. Published proceedings of the Association of Southeastern Biologists annual meeting. Chattanooga, TN.

deHart, PAP, LE Hurd, JM Taylor, MM Shearer, and MC Campbell (2014) Seasonal shifting of the trophic niche in a generalist apex predator. *Virginia Journal of Science* 66 (1&2): 20-21.

deHart, PAP, and D Morin. (2014) Eating off the land: Exploring regional variations in coyote diets Published proceedings of the Association of Southeastern Biologists annual meeting. Spartanburg, SC.

Campbell, M, PAP deHart, JM Taylor, LE Hurd. (2014) Exploring the trophic niche of an apex predator: What Praying Mantids really eat. Published proceedings of the Association of Southeastern Biologists annual meeting. Spartanburg, SC.

deHart, PAP, LE Hurd, JM Taylor, and MM Shearer. (2013) Unraveling ecosystem interactions of a top arthropod predator, the praying mantis, using stable isotope analysis. Published proceedings of the Association of Southeastern Biologists annual meeting. Charleston, West Virginia.

deHart, PAP, CB Shutt, and R Scruggs. (2013) Insights into the complex foraging ecology of the Appalachian Coyote (*Canis latrans*) using stable isotope analyses. *Virginia Journal of Science* 64 (1 & 2): 49-50.

Shutt, CB and PAP deHart. (2013) An evaluation of multiple lure techniques to attract wild canines for biological research. Published proceedings of the Association of Southeastern Biologists annual meeting. Charleston, West Virginia.

Moosman, PR, MJ Hosler, PAP deHart, and HH Thomas. (2013) Dietary niche of *Myotis leibii* and its associates as inferred from fecal contents and stable isotope analysis. Published proceedings of the SE Bat Diversity Network meeting. Pikeville, TN.

deHart, PAP and SE Strand. (2012) Effects of garlic mustard invasion on arthropod diets as revealed through stable isotope analyses. *Southeastern Naturalist* 11(4): 575-588.

deHart, PAP. (2012) Foraging ecology of the Appalachian Coyote (*Canis latrans*) using stable isotope analyses: Implications for effective conservation and management plans. Published proceedings of Soc. Conservation Biology NA Congress. Oakland, California.

deHart, PAP. (2011) Practical scaling of long-term ecological monitoring to the marine environment: Essential incorporation of undergraduates in meaningful research. Published proceedings of the 2nd International Marine Conservation Congress. Victoria, British Columbia, Canada.

deHart, PAP, DL Moosman, and PL Moosman. (2008) Bridging building and biology: Anthropogenic impacts on marine inter-tidal community composition and biodiversity. Published proceedings of the 9th National Conference on Science, Policy, & the Environment. Washington, D.C.

deHart, PAP. (2007) Custom Laboratory Program for Anatomy & Physiology, Department of Biology, Mount Ida College. Pearson Custom Publishing, Boston, MA. 431 pp.

deHart, PAP. (2007) Science from the Perspective of the Human Body. McGraw-Hill Publishers, Primis Online. 426 pp.

deHart, PAP and MJ Wooller. (2006) The stable isotope composition of the north Pacific and Arctic Ocean sea-scape: a closer look at the habitat of the migratory bowhead whale (*Balaena mysticetus*). Published proceedings of the 5th International Conference on Stable Isotopes in Ecological Applications. Belfast, Northern Ireland, UK.

Wooller, MJ, PAP deHart, L Quakenbush, and D Vos. (2005) Coupling stable isotope (C and N) analyses of stomach contents and tooth collagen to elucidate patterns in a transient killer whale's (*Orcinus orca*) diet composition. Published proceedings of the 16th Biennial Meeting of the Biology of Marine Mammals. San Diego, California.

deHart, PAP and MJ Wooller. (2005) A temporal perspective on pinniped foraging ecology: Stable isotope variations in the teeth and bones of Steller sea lions (*Eumetopias jubatus*). Published proceedings of the 16th Biennial Meeting of the Biology of Marine Mammals. San Diego, California.

deHart, PAP, C Picco, and MJ Wooller. (2005) Stable isotope ($\delta^{18}O$, δD) analyses of Bowhead whale baleen as a biochemical recorder of recent arctic environmental change and historical sea ice concentration. Published proceedings of the 33rd Annual Symposium of European Association for Aquatic Mammals. Harderwijk, Netherlands.

deHart, PAP and MJ Wooller. (2004) Shouldn't we ask where? Stable isotopic evidence of geographical variations in Steller sea lion (*Eumetopias jubatus*) diets. In: Sea Lions of the World. Ed. Trites, AW, SK Atkinson, DP DeMaster, LW Fritz, TS Gelatt, LD Rea, and KM Wynne. Alaska SeaGrant Press. Anchorage, Alaska. 664 pp.

deHart, PAP and MJ Wooller. (2004) A multi-organismal isotopic study of north Pacific and Bering Sea marine mammals: responses to a changing environment. Published proceedings of the 4th International Conference on Stable Isotopes in Ecological Applications. Wellington, New Zealand.

deHart, PAP and MJ Wooller. (2003) Oxygen isotope composition of bowhead whale (*Balaena mysticetus*) baleen: A novel method to examine long-term migratory behavior. Published proceedings of the 15th Biennial Meeting of the Biology of Marine Mammals. Greensboro, North Carolina.

deHart, PAP and GT Waring. (2002) The distribution and abundance of harbor seals in the Woods Hole region. Published proceedings of the 82nd Annual Meeting of the American Society of Mammalogists. Lake Charles, Louisiana.

MANUSCRIPTS IN PRESS/REVIEW:

Oliveira, ACB, EES Silva, FA Noronha, MG de Almeida, CE Rezende, KC Yamamoto, LE Hurd, PAP deHart, M Pouilly, and CEC Freitas. (*in review*) Food web and energy flow in macrophyte meadows of Amazonian floodplain lakes. Submitted to *Limnologica*.

INVITED PRESENTATIONS/LECTURES/INTERVIEWS:

deHart, PAP. (2023) Invited presentation to Universidade Federal do Amazonas em Manaus, "Explorando os efeitos da mudança ambiental em espécies essenciais nos ecosistemas marinhos e de água doce". Manaus, Amazonas, Brazil.

deHart, PAP. (2023) Invited presentation to the Midwest Association of Graduate Schools, "Investing in our students: fostering cross-disciplinary connection and diverse learner engagement to meet modern student expectations". Chicago, IL, USA.

deHart, PAP. (2023) Invited presentations to UWGB Marine Biology UG/Grad courses, "Marine Mammal Food Webs". Green Bay, WI, USA.

deHart, PAP. (2022) Invited presentations to Universiteit Utrecht and University College Roosevelt "The case for a global approach to Liberal Arts & Science Education in the Netherlands". Utrecht and Middelburg, Netherlands.

deHart, PAP. (2021) Invited presentations to UWGB Marine Biology UG/Grad courses, "Marine Mammal Ecology" and "Marine Mammal Food Webs". Green Bay, WI, USA.
deHart, PAP. (2021) Invited presentation to the Midwest Association of Graduate Schools, "Growing graduate and teaching support structures in a time of crisis". Milwaukee, WI, USA.
deHart, PAP. (2019) Invited presentation to the University of Wisconsin-Superior community, "What it means to be a dean". Superior, WI, USA.
deHart, PAP. (2019) Invited presentation to Landmark College "Exploring ecosystem linkages in the tropics". Putney, VT, USA.
deHart, PAP. (2019) Institute roundtable presentations "Integrating technology into the classroom: From opportunities to expectations" AAC&U/American Conference of Academic Deans, Atlanta, GA, USA.
deHart, PAP. (2018) Fishbowl Public Seminar Series, Unity, Maine "Compact for Faculty Diversity: Institute on Teaching and Mentoring". Unity, ME, USA.
deHart, PAP. (2017) Invited presentation to the Ministry of Education at Universidade Federal do Amazonas "Exploring ecosystem linkages and trophic classifications in aquatic food webs using stable isotope analysis". Manaus, Amazonas, Brazil.
deHart, PAP. (2016) Fishbowl Public Seminar Series, Unity, Maine "Swimming, sweating, and surviving: Exploring ecosystem linkages throughout the tropics". Unity, ME, USA.
deHart, PAP. (2015) Invited presentation to Universidade Federal do Amazonas "Unraveling the web: Using stable isotopes to decipher the feeding and migration of creatures great and small". Manaus, Amazonas, Brazil.
deHart, PAP. (2015) Invited interview on "With Good Reason" by National Public Radio, "It's a Jungle Out There…", Radio clip at http://withgoodreasonradio.org/episode/upcoming-its-a-jungle-out-there/.
deHart, PAP. (2015) Invited presentation to Ecology class at Longwood University "Stable isotopes in Ecology: A background and case studies". Farmville, VA, USA.
deHart, PAP. (2014) Invited presentation to the University of Maryland Central Appalachians research facility "Insights into the ontogenetically variable trophic niche of a Praying mantid (*Tenodera aridifolia sinensis*)", Frostburg, MD, USA.
deHart, PAP. (2014) Keynote Presentation at the Sigma Xi Research Conference. "Feeding the beast: Explorations into the feeding ecology of apex predators", Farmville, VA, USA.
deHart, PAP. (2013) Invited presentation to the graduate program in Biology at the University of Southern Maine. "Insights into the complex foraging ecologies of multi-trophic predators using stable isotope analyses." Portland, ME, USA.
deHart, PAP. (2013) Pinniped Diving Physiology. Huntsman Marine Science Centre public lecture series. St. Andrews, New Brunswick, Canada.
deHart, PAP. (2013) Invited presentation to The Wildlife Society meeting at Virginia Tech "They ate WHAT? A case study of using stable isotope analyses to peer into the historical feeding ecology of the eastern coyote." Blacksburg, VA, USA.
deHart, PAP. (2013) Specialized Adaptations of Marine Organisms. University of Waterloo Department of Biology invited presentation. Waterloo, Ontario, Canada.
deHart, PAP. (2012) Seabird Anatomy and Adaptations. Huntsman Marine Science Centre public lecture series. St. Andrews, New Brunswick, Canada.
deHart, PAP. (2011) Marine Mammal Specialized Adaptations. University of Waterloo Department of Biology invited presentation. Waterloo, Ontario, Canada.
deHart, PAP. (2011) The Under-Story of the forest: tales of what eats what in the presence of an invader. Washington & Lee University Department of Biology invited presentation. Lexington, VA, USA.

deHart, PAP. (2010) Marine Mammal Anatomy & Physiology. University of Waterloo Department of Biology invited presentation. Waterloo, Ontario, Canada.

deHart, PAP. (2010) Ecology in Action: Adaptations of organisms, habitats, and communities. Invited presentation to the Virginia Master Naturalist training program. Lexington, VA, USA.

deHart, PAP. (2006) Stable isotope analyses in animal ecology: Contemporary techniques for tracking animal foraging, migration, and responses to environmental change. UBC-Fisheries Centre invited presentation. Vancouver, British Columbia, Canada.

deHart, PAP. (2004) Bowhead whale migrations: Visualizing past, present, and future patterns using modern stable isotope technology. Barrow Arctic Science Consortium, National Science Foundation Schoolyard Project invited presentation. Barrow, Alaska, USA.

ADDITIONAL SKILLS/CERTIFICATIONS/EXPERIENCE:

Professional Credentials: CITI Training: Research, Ethics, and Compliance- Conflicts, Interest, and Commitment Certificate, June 2022 (renewed regularly); Responsible Conduct of Research Certificate, June 2022 (renewed regularly); Fellow, Campus Cohort of "Bridging Differences"- Greater Good Science Center through the University of California at Berkeley, August 2023-May 2024; Bridging Difference course Verified Certificate earned Sept. 2023

Languages: English (Native), Portuguese (Advanced), Dutch (Semi-Native/Intermediate-Advanced), German (Basic-Intermediate), Czech (Basic-Intermediate), and Russian (Basic)

Certifications: Small-boat Handler, CPR-FPR, First Aid, Lifesaving, Open Water Surf-Rescue, SCUBA-Advanced, Nitrox, Drysuit, and Scientific Diver

Athletics: NCAA Division I Varsity Swimming (4 years), USAT Aquathlon National Champion (9x), All-American (12x), WTU/ITU Aquathlon World Championship medalist (8x), USAT Winter Duathlon National Championship medalist (1x)