

MARY E. PEDERSEN

EDUCATION

University of California, Los Angeles, Ph.D., Public Health Nutrition, Minor- Lipid Biochemistry
University of California, Los Angeles, M.S., Public Health Nutrition
University of California, Santa Barbara, B.A., Biology with Honors

ACADEMIC POSITIONS

Provost and Executive Vice President, Colorado State University, 2020- present
Interim Provost & Executive Vice President, Academic Affairs, Cal Poly, SLO, 2019 – 2020
Senior Vice Provost, Vice Provost, Assoc. Vice Provost, Academic Affairs, Cal Poly, SLO, 2011-2019.
Associate Dean, Undergraduate Programs, College of Agriculture, Food and Environmental Sciences, Cal Poly SLO, 2003-2011
Program Director, College Coordinator, Wine & Viticulture Program, Cal Poly, SLO, 2005-2009
Department Head/Chair, Food Science & Nutrition, Cal Poly, SLO, 2002 – 2003, 1995-1998
Visiting Professor, University of Hawaii, Manoa, Honolulu, HI, Fall 1988
Professor of Nutrition, with tenure, Cal Poly, SLO, 1986 - present
Associate Professor of Nutrition, Cal Poly, SLO, 1981-1985
Postdoctoral Fellow, Atherosclerosis, University of California, LA, School of Medicine, 1980 -1981.

ADMINISTRATIVE EXPERIENCE

Interim Provost & Executive Vice President of Academic Affairs, Cal Poly, SLO, 2019 -present

Responsibilities:

Leading the Division of Academic Affairs in pursuing the Cal Poly's vision to be the premier comprehensive polytechnic university, supporting the teacher-scholar model, and student success, allocating resources to support goals; overseeing and supporting the work of direct reports including the Deans of the Colleges of Engineering; Agriculture, Food, and Environmental Sciences; Liberal Arts; Science and Mathematics; Architecture and Environmental Design; Business; and the Library; Vice Provost for Academic Affairs & Personnel; Vice Provost for International, Graduate, & Extended Education; Vice Provost for Enrollment Development & Chief Marketing Officer; Associate Vice Provost for Academic Programs and Planning; Assistant Vice Provost for University Advising; University Registrar; Assistant Vice President for Academic Affairs Finance & Administration; Director of Enrollment & Facilities Planning & Management; and partnering with Vice Provost for Research & Economic Development. Partnering with academic leaders to advance student success and achievement; supporting faculty excellence within shared governance model; partnering with cabinet to focus and prioritize the new university strategic plan and set budget priorities; representing the university's academic mission at system, state, and local levels

Key Achievements:

Strategic Planning

- Develop implementation strategy for University Strategic Plan, identifying priorities, and annual reporting process
 - Continue development of priorities for Academic Affairs Strategic Plan and annual reporting
- Student Success
- Continue focus on top priorities for the Graduation Initiative 2025, develop and expand the Academic Support Network/Writing and Learning Center, pilot initiatives in high DFW courses, develop a new Transfer Student Center, continue our Data Champions work with a focus on our equity gap analysis
 - Explore models of year-round instruction that fit within our campus enrollment strategy
 - Re envision the Cal Poly Scholars Program to plan for ten-fold expansion of enrollment
 - Continue to provide greater access to data and analytical tools to support decision making
 - Modernize IT systems and infrastructure to include adoption and utilization of Canvas, Ally, a campus mobile app, and new scheduling and registration software

Faculty Excellence- Teaching and Scholarship

- Explore and evaluate opportunities for the Teacher-Scholar Model to create a better workload balance for faculty, engage in campus-wide discussions
- Explore models and budgeting opportunities to support scholarship
- Conduct Retention, Promotion, and Tenure evaluations for over 100 tenure track faculty

Diversity, Equity and Inclusion

- Create an aligned and cohesive focus on diversity through our WSCUC reaffirmation process
- Coordinate action planning process by sharing best practices with colleges and collaborations

Academic Programs

- Continue to support development of the new General Education Program (CO- EO 1100)
- In partnership with the Office of Research and Economic Development and University Development, identify and develop a several key interdisciplinary teaching and research focus areas, addressing present and future needs of society and real-world problems

Budget Planning

- Develop budget accountability model for allocation of future resources based on historical data, student credit unit teaching loads, faculty workload models, and strategic priorities
- Developed a strategy to reduce current budget deficits in college over a 5-year plan
- Successfully reduced current budget deficit by \$800,000 of a total \$5 million deficit

Advancement/Fundraising

- Create partnership with Academic Affairs, Research & Economic Development, and University Development to drive transformational impact through compelling ideas, credible connections to the institution, and successful collaboration with academic leaders
- Monthly meetings with Deans and University Development to collaborate on university strategic plans, goals, and accountability metrics for each college in fundraising efforts

WASC Senior College and University Commission (WSCUC) Commissioner, July 2019 – present:

Responsibilities:

Serve as a member of the WSCUC Commission, the regional accrediting agency serving a diverse membership of public and private higher education institutions throughout California, Hawaii, and the Pacific. Elected for a 3-year term as a commissioner starting July 2019. Attended WSCUC training and commissioner meeting, June 25-28, 2019 (Alameda, CA); WSCUC Commission Retreat, November 5-8, 2019 (Maui, HI). Additionally, served on WSCUC Accreditation Review Team for California State University, Chico, March 4-7, 2019

Senior Vice Provost (2016-2019), Vice Provost (2014-2016), Associate Vice Provost (2011-2014), Academic Affairs, and Academic Programs and Planning, Cal Poly, SLO

Responsibilities:

Served as a member of the Provost's management team, reporting directly to the Provost. Oversaw and provided leadership for Academic Programs & Planning (APP) team, including planning and university oversight of all academic degree programs, including the approval process and assistance to colleges/departments in the development of all degree and certificate program proposals. Oversaw development and implementation of academic policies consistent with CSU Chancellor's Office and other requirements, as well as CSU accountability reporting. Responsible for managing program reviews, program accreditations, new academic program development, certifications, and the university's regional accreditation; oversaw the administration of university-level assessment; reviewed student academic petitions; and represented Academic Programs as the designated member of the Academic Senate and other committees, as assigned by the Provost. Served as WSCUC Accreditation Liaison Officer. Administrative oversight based on organizational restructuring expanded to include International, Graduate and Extended Education; University Library Services; Office of the Registrar; Institutional Research; University Advising; the Center for Teaching, Learning, and Technology (CTLT); General Education; the Honors Program; the academic component of Service Learning; and Instructionally Related Activities

Key Achievements:

Strategic Planning

- Co-led writing of the University Strategic Plan, primary author
- Co-led Academic Affairs Strategic Plan, determined highest priorities to accomplish in the next 5-years. Engaged vice provosts, deans, and associate deans in developing 4-5 strategic goals for top priorities, including strategies, initiatives/tactics, and metrics

Student Success

- Led Cal Poly's Graduation Initiative (GI) 2025, developing short- and long-term goals, expansion of classes for graduating seniors; removing barriers to graduation; expansion of year-long block scheduling for first-time first-year students; developing an integrative model for student advising and academic support, free peer tutoring in all subjects for all students; implemented targeted retention efforts for active-not-enrolled students
- Improved access to data to support informed decision-making around key efforts including instructional demand and faculty workload, advising and retention, and success of first-time first-year, transfer, and historically underserved student populations
- Success over three years resulted in a 9% increase in first-time first-year students' 4-year graduation rates (48% to 57%) and an increase of approximately 2% in new transfer students 4-year rates (86% to 88%), URM gaps decreased 9.4 to 7.7 pts, Pell gap decreased 9.1 to 5.9 pts
- Served on Cal Poly Scholars Leadership Team to guide, evaluate, and expand the future programmatic model for Cal Poly Scholars (CPS) to serve more students, specifically with a focus on student with lower-income

Academic Program Development, Policies, Chancellors Executive Orders, Title 5 Amendments

- Oversaw new academic program development. Supported the development, submission, and approval of program elevations, new degree programs, degree name changes, and degree designation changes
- Provided leadership for revision of General Education (GE) 2018-2020
- Participated in Honors Program Task Force and the strategic revision and redesign, 2013-2015
- Implemented General Education Program Review, 2014-2016
- Oversaw and Implementation of new policies/Executive Orders from CSU Chancellors Office including: EO 1100-revised General Education Breadth Requirements, EO 1110 Assessment of Academic Placement in First-Year Written Communication and Mathematics/Quantitative

Reasoning Courses, EO 1071 Revised Delegation of Authority to Approve Subprograms (Options, Concentrations, Special Emphases) and Minors, EO 1064 Student Internships and EO 1062 Field Trip Policy and Procedure, 180-unit limit to baccalaureate degree programs, and Transfer Model Curriculum (TMCs) SB 1440, among others

Academic Program Assessment

- Administrative oversight of Program Review and Assessment for all academic programs, including university-level assessment of learning outcomes, NSSE, FSSE, BSSE, and use of results in program improvement for all 64 undergraduate and 32 graduate academic programs
- Reviewed program and accreditation self-study reports, analyzed recommendations of visiting teams, and coordinated recommendations with curriculum development and program review

Enrollment Planning and Management

- Hired a new director of Enrollment Planning and Management and developing position
- Established committee to revise and refine the admissions selection model, develop point-in-time data points to evaluate progress towards meeting student course demand
- Conducted yearly department heads/chairs workshops on enrollment planning and management to engage leadership with the enrollment process engaged to the department level

WSCUC Accreditation

- Served as WSCUC Accreditation Liaison Officer, responsible for ensuring the institution follows policies and procedures related to Substantive Change, prepares and submits Annual Reports, and maintains updates on WSCUC standards, processes, policies and communications to campus, 2012- 2019
- Developed and prepared WSCUC Interim Report, February, 27, 2015
- Guided WSCUC Thematic Pathway for Reaffirmation through a collaborative process to determine our campus proposed reaffirmation theme (submitted for approval in May 2019)

Budget

- Reviewed, monitored and approved the budget for all of the divisions reporting to me (12 divisions, budget over \$211 million). Worked to develop plans to address deficits in some divisions and ensure budget decisions align with strategic priorities

Leadership Training

- Coordinated and Led Department Heads/Chair Leadership Training. Organized and supported an informal group of department heads/chairs meeting 3-4 times per quarter to provide an informal network of support for guidance and problem solving.

Associate Dean for Undergraduate Programs, College of Agriculture, Food and Environmental Sciences (CAFES), Cal Poly, SLO, CA, 2003-2011

Responsibilities:

Served as a member of the College's management team. During this tenure, the college had nine undergraduate departments that offered 16 individual majors and 22 minors with over 3,800 undergraduate students, 218 faculty and lecturers. Areas of responsibility included: supporting development and progress of college strategic plans; college policy development and implementation; coordination of faculty/staff personnel programs and evaluation; evaluation of faculty for retention, promotion and tenure decisions, undergraduate coordinator for all academic affairs, including academic program review, curriculum, reviewing academic petitions and addressing appeals, undergraduate student recruitment, enrollment and orientation programs, advising, and retention. Responsible for college-level advising team and computer support operations. Represented the dean at management meetings, advisory council events, department events, outreach events and any other required event/meeting. Worked with the dean to plan admission targets, monitor enrollment of college, and collaborate on budget components.

Key Achievements:

Strategic Planning

- Supported College Strategic Planning, Policy Development and Implementation. Served on the “Strategic Design Team” (2002-2003) for the strategic planning process to coordinate and facilitate the development and implementation of the college strategic plans

Student Success

- Championed Student Advising, Retention and Success Programs. Led college-wide student success initiatives including: change of major policy, development of new expected academic progress to degree guidelines, academic probation procedures, freshman block scheduling, super senior scheduling, revision and implementation of course prerequisite project. Oversaw students
- Led creation of a new college-wide advising model and team to support student advising
- Implemented Enrollment and Orientation Programs, including overseeing CAFES Open House Activities, Week of Welcome Academic Day, Fall Preview, Pre-Collegiate Symposium, and Summer Advising Program
- Supported Undergraduate Student Recruitment and Diversity by serving on CAFES Recruitment Committee, wrote grants and oversaw the USDA Multicultural Scholarship program to support multicultural scholarships for underrepresented students.

Faculty Development and RPT Evaluations

- Completed over 300 Retention, Promotion, and Tenure evaluations for faculty
- Worked with a committee to develop a new CAFES Faculty Mentoring Program and organized two 10-week teaching enhancement courses for faculty.

Academic Programs, Curriculum Development, Assessment and Policies

- Advanced CAFES Faculty Personnel Policies and Procedures. Worked as part of a team to revise and develop more detailed guidelines and consistent criteria to better support faculty through the retention, promotion, and tenure (RPT) process. Reviewed faculty files to write evaluations for RPT.
- Oversaw Curriculum, Program Review and Assessment. Reviewed proposed changes in curriculum, including any new program proposals for degree programs and minors.
- Facilitated Program Review. Oversaw program review with all departments and programs in the college by providing guidance, support, review, and evaluation of reports.
- Led Academic Assessment. Led assessment efforts as chair of the CAFES Academic Assessment and Program Review Committee. Worked towards the goal of every program collecting assessment data each year, sharing successful best practices, and program improvements based on assessment results.
- Initiated New Program Development. Led a faculty team in the development of the new Wine and Viticulture major. Wrote proposal to submit to Chancellor’s Office, approved upon first submission.

College Coordinator/Program Director, Wine & Viticulture (WVIT) Program, College of Agriculture, Food and Environmental Sciences, 2005-2009

Responsibilities:

Served as the first program director for WVIT while serving as Associate Dean of CAFES, leading and managing the program from the dean’s office. Administration and oversight of the new Wine & Viticulture program for the first four years included: strategic planning, curriculum and materials development, student affairs, college-wide events, creating a new industry advisory council, fundraising, new facility development, and other program development issues.

Key Achievements:

- As the first interdisciplinary program in our college, we explored new territories for the structure, operations, and communications of the program.
- Developed the first strategic plan for the program

- Developed the first industry advisory council program
- Successfully raised external funds from donor to build the first pilot winery on campus

Department Head/Chair Food Science and Nutrition Program, Cal Poly, SLO, 2002-2003, 1995-1998

Responsibilities:

Provided leadership for approximately 20 FTE faculty and professional staff in a department with two majors, Food Science (IFT approved), and Nutrition (CADE approved), and over 500 majors. Led strategic planning and development efforts related to all aspects of the program. Developed policies and management plans for food processing pilot plant and developed facility remodel plans. Created and led first department industry/professional advisory council. Completed the Institute of Food Technologist application for re-approval of Undergraduate Program in Food Science and wrote the Nutrition program review self study. Developed first program assessment plans for measuring the assessment of program learning outcomes for both the Food Science and Nutrition programs. Responsible for hiring and evaluation of faculty and staff; mentored new faculty, developed new policies for lab safety and conducted training for faculty and staff. Developed new budget planning process, maintained open and transparent budget model, and successfully planned for new tenure track recruitments.

PROFESSIONAL GROWTH AND DEVELOPMENT

Becoming a Provost Academy jointly sponsored by American Association of State Colleges and Universities and the American Academic Leadership Institute. This year-long program is designed to prepare experienced academic administrators for provost/vice president positions. (July 2019 - July 2020).

WASC Senior College and University Commission Conferences and Workshops (separate from WSCUC Commissioner role and training)

- *The Diverse Campus: Improving Access, Equity, and the Student Experience*, January 16, 2020.
- *Academic Resource Conference*, April 10-12, 2019; April 19-21, 2018; April 19-21, 2017; April 6-8, 2016; April 22-24, 2015; April 23-25, 2014
 - Presentation by Bruno Giberti, Jack Phelan, Mary Pedersen: Triangulation of University/GE Assessment of Critical Thinking, April 5, 2016.
- WSCUC Workshops:
 - *The Learning Institute*, November 15, 2017.
 - *Program Review*, November 16, 2017.
 - *Data Analytics, Putting Data to Work*, October 14, 2016.
 - *Assessment 201*, November 19 – 20, 2015.
 - *Assessment 101: Advanced Topics in Assessment*, October 23, 2015.
 - *WSCUC 201 Assessment Essentials*, February 6, 2015.
 - *WSCUC Assessment 101*, January 29 – 31, 2014.
- *Big Five: Addressing Core Competencies*, November 19 – 20, 2015.
- *Moving Beyond Measuring: Integrating Assessment and Evaluation with Planning and Improvement*, October 22, 2015.

California State University (CSU) Events

- *CSU Academic Council*, November 12 – 13, 2019; September 17 – 18, 2018.
- *CSU Graduation Initiative 2025 Symposium*, October 17 – 18, 2019; October 17 – 18, 2018; October 11 – 12, 2017; September 21 – 22, 2016; January 19, 2016; October 15, 2014.

- *Using Data to Support Student Learning*, May 12, 2017.
- *Academic Planning Training*, June 1, 2016.
- *The California Awards for Innovation in Higher Education Showcase*, March 9, 2015.
- *Associate Vice Provost Meetings at CSU Chancellor's Office, Long Beach*
 - Attended Fall and Spring CSU AVP meetings, November, 2011 – April, 2018.

Other Professional Development

- *National Council on Race and Ethnicity (NCORE) in American Higher Education*, Portland, OR, May 28 – June 1, 2019.
- *AAC&U General Education and Assessment: Design Thinking for Student Learning*, Phoenix, AZ, February 23 – 25, 2017.
- *Gut Microbiome Conference*, San Diego, CA, January 24 – 25, 2017.
- *Connected Student Success Conference, EAB*, Washington DC, November 1, 2016.
- *AAC&U General Education and Assessment: A Sea of Change in Student Learning*, Boston, MA, February 28 – March 2, 2013.
- *2012 CSU-ITL Summer Institute, Workshops in General Education Assessment Tools and Strategies*, Long Beach, CA, June 25 – 27, 2012.
- *AAC&U General Education and Assessment: New Contexts, New Culture*, New Orleans, LO, February 23 – 25, 2012.
- *2011 National Academic Program Summit. Creating Change: Curricular Reform for a 21st Century Education*, Purdue, Indianapolis, IN, August 3 – 5, 2011, member of summit planning committee for this conference, and met over the last year at three professional meetings and conference calls to plan summit meeting, focus curricular reform.
- *USDA, National Institute of Food and Agriculture (NIFA) 2011 Higher Education Challenge grant review panel*, Washington, DC, April 18 – 21, 2011; served on team to review 15 grants.
- *National Institute of Food and Agriculture (NIFA) Academic Programs Summit/ AASCARR Joint Meeting*, Washington, DC, February 28 – March 3, 2011; also met with APLU/APS Summit Planning Committee to continue planning for 2011 Summit.
- *Association of Public and Land-grant Universities (APLU) Conference*, Dallas, TX, also met with 2011 APLU/APS Summit Planning Committee to work on summit meeting planned for 8/11, November 11 – 15, 2010.
- *APLU/Academic Programs Section (APS) Summit Planning Committee*, Denver, CO, August 5 – 6, 2010 to begin planning for 2011 APLU/APS Summit.
- *USDA-MSP Directors Meeting*, Washington, DC, October 19 – 21, 2009.
- *2010 APLU Summit- Creating Change: Building Human Capacity for a Sustainable Future*, Penn Stater Conference Center, Penn State, University Park, PA, June 20 – 23, 2010.
- *CAFES ADL Diversity Training*, 2.5 hours, Cal Poly. September 16, 2009.
- *Joint UC/CSU Department Heads and Deans Meeting*, September 10 – 11, 2009, UC Davis, meeting to promote the linkage of higher education agriculture programs at UC, CSU and community colleges.
- *Traveled to Lusaka and Ndola, Zambia in Africa* to meet with government ministries and other local groups to develop collaborations for development of new College of Sustainable Agriculture and Health, August 6 – 18, 2009.
- *Board for International Food & Agriculture Development (BIFAD) Conference*,

June 29– July 1, 2009, Washington, DC.

- *Partnership to Cut Hunger and Poverty in Africa*, Washington, DC, February 24 – 27, 2009.
- *Travel to Ndola, Zambia in Africa* to develop collaboration and grant proposal for development of College of Sustainable Agriculture and Health, January 4 – 12, 2009.
- *Wine Industry Symposium, Embassy Suites*, San Luis Obispo, CA March 13, 2008.
- *USDA MASP Program Directors Meeting*, Washington, DC, October 15 – 18, 2007.
- *Reinventing Teaching and Learning, 2007 National Conference on Changing Higher Education in Agriculture and Related Sciences*, Texas A&M Univ., College Station, TX, June 11 – 13, 2007.
- *The Impact of the Global Market, 2007 Central Coast Insights*, San Luis Obispo, CA, March 14, 2007.
- *War on Hunger Summit*, Atlanta, GA, February 22 – 25, 2007.
- *Unified Wine and Grape Symposium*, Sacramento, CA, January 24 – 26, 2007.

Other Training Workshops

- *Academic Planning Workshop*, CSU CO, Long Beach, CA. June 1, 2016.
- *Leadership Development Program*, Cal Poly, two quarters, meeting monthly, 2015.
- *Fundraising Workshop*, Cal Poly, November 14, 2014.
- *Integrating Cultural Competency Skills into the Cal Poly Experience*, Dr. Aaron Thompson, 3 hours, Cal Poly, May 3, 2011.
- *Planning ePortfolios with Prof Una Daly*, 1.5 hours, Cal Poly, April 21, 2009.
- *Community Focus Groups, STEM Initiative*, 5 hours, Cal Poly, March 28, 2009.
- *Ally Training*, 2 hours, February 27, 2009.
- *Exploring the Roots of Stem Learning*, Dr. Edward Prather, 2 hours, Cal Poly, February 20, 2009.
- *CTL Workshop: Rubrics/Assessment*, 2 hours, Cal Poly, April 11, 2008.
- *Situational Leadership II*, CSU San Francisco, April 2 – 3, 2007.

MANUSCRIPTS

Berner, L., Smith, H., Buckshi, K., Smith, H., Jankovitz, K., Pedersen, M. E. *A Longitudinal Study of Breastfeeding Practices in San Luis Obispo County, California Part I: Study Design and Descriptive Findings*, submitted to Journal of Human Lactation.

Buckshi, K., Berner, L. Smith, H., Pedersen, M. *A Longitudinal Study of Breastfeeding Practices in San Luis Obispo County, California Part II: Factors associated with early cessation of breastfeeding*, submitted to Journal of Human Lactation.

Nelson, D. W., Pedersen, M. E. *Simmondsin Suppresses Weight Gain and Induces Other Metabolic Effects in Young Male Sprague-Dawley Rats*, submitted to Journal of Nutrition.

PUBLICATIONS (peer reviewed)

Heiss, C., Zubas, P., Ellman, J., Pedersen, M. *Comparing the Effectiveness of Supplemental Computer-Based Education to Traditional Education with Nutritional Science Students*, Exchanges, The On-line Journal of Teaching and Learning (submission No. 1187) June 2005.

Bosse, M.C., Davis, S. C., Puhl, S.M., Pedersen, M., Low, V., Reiner, L., Dominguez, T., Seals, N. *Effects of Zone diet macronutrient proportions on blood lipids, blood glucose, body composition and treadmill exercise performance*, Nutrition Research 24: 2004.

Nelson, D. W., Pedersen, M. E. *Abstract: Mechanism of Appetite Suppression Induced by Simmondsin Administration to Rats*, The FASEB Journal 15(5) part II pA980, 2000.

Flo, G., Abbott, T., Vermaut, S., Van Boven, M., Daenens, P., Decuypere, E., Pedersen, M., Cokelaere, M. J. *Growth Performance of Rats Fed Jojoba Proteins. Possible Correlations with Trypsin Inhibitory Activity in Jojoba*, Proteins Agriculture & Food Chemistry. 45 (11): 4384-4387, 1997.

Tamran, K., Murata, Y., Pedersen, M.E., Goers, J.F., Hoffman, A.R., Kraemer, F.B. *Regulation of lipoprotein lipase in the diabetic rat*. Journal of Clinical Investigation, 90(5):1672-1678,1992.

Tavangar, K., Murata, Y., Patel, S., Kalinyak, J.E., Pedersen, M.E., Goers, J.F., Hoffman, A.R. Kraemer, F.B. *Developmental regulation of lipoprotein lipase in the rat*. American Journal of Physiology, 262:E330-E337, 1992.

Engle, P.L., Pedersen, M.E. *Maternal work for earnings and children's nutritional status in urban Guatemala*. Ecology of Food and Nutrition 22: 211-223, 1989.

Kern, P.A., Ong, J.M., Goers, J.W.F. and Pedersen, M.E. *Regulation of lipoprotein lipase immunoreactive mass in isolated human adipocytes*. American Society for Clinical Investment 81:389-406, 1988.

Goers, J.W.F., Pedersen, M.E., Kern, P.A., Ong, J. and Schotz, M.C. *An enzyme-linked immunoassay for lipoprotein lipase*. Anal. Biochemistry. 166:27-35, 1987.

Ben-Avram, C.M., Ben-Zeev, O., Lee, T.D., Haaga, K., Shively, J.E., Goers, J., Pedersen, M.E., Reeve, J.R.Jr., and Schotz, M.C. *Homology of lipoprotein lipase to pancreatic lipase*. Proc. National Acad. Science 83:4185-4189, 1986.

Pedersen, M.E., Cohen, M. and Schotz, M.C. *Immunocytochemical localization of the functional fraction of lipoprotein lipase in perfused rat heart*. Journal Lipid Res. 24:512-521, 1983.

Pedersen, M.E., Wolf, L. and Schotz, M.C. *Hormonal mediation of rat heart lipoprotein lipase activity after fat feeding*. Biochemistry Biophysics Acta. 666:191-197, 1980.

Kronquist, K.K., Pedersen, M.E. and Schotz, M.C. *Mechanism of alteration of the functional fraction of lipoprotein lipase in rat heart*. Life Science 27:1153-1158, 1980.

Pedersen, M.E. and Schotz, M.C. *Rapid changes in rat heart lipoprotein lipase after carbohydrate feeding*. Journal Nutrition 110:481-487, 1980

Pedersen, M.E., Schotz, M.C. Twu, J.-S., Garfinkel, A.S. and Borensztajn, J. *Antibodies to lipoprotein lipase: Application to perfused heart*. Biochemistry Biophysics Acta. 489:214-224, 1977.

GRANT ACTIVITY

- Developing a College of Sustainable Agriculture and Health in Ndola, Zambia, led by leaders in Zambia of Northrise University. Collaboration between three universities, an NGO, and a privation foundation, 2008 – 2011.

- *Global Food Paths: Internationalization and Integration of Food Systems across Various Disciplines in Agriculture, Food and Environmental Sciences for Enhanced Food Security*, submitted to the International Science and Education (ISE) Grant Program, National Institute of Food and Agriculture, U.S. Department of Agriculture, PI, January 2011, \$161,405 requested over 3 yrs. (not funded).
- *Food Security, Education, the Environment, and Sustainable Development for Zambian Communities (FEED Zambia)*, submitted to United States Agency for International Development (USAID) directly in country to Lusaka, Zambia, PI, May 2010, \$4,165,491 requested over 3 yrs. (not funded).
- *Sustainable Agriculture Education in Zambia for Food Security and Environmental Health*, submitted to: Africa-U.S. Higher Education Initiative, Higher Education for Development (HED), United States Agency for International Development (USAID), PI, Jan. 26, 2009. \$69,930 requested (not funded).
- *Environmental Conditions Affecting RAVT Bloom and Yield*, submitted to the Almond Board of California via University of California Cooperative Extension, PI, October 2010 – July 2011, \$8,363 funded to support graduate student Melanie Covert.
- *Learn-by-Doing” in the Multicultural Scholars Program (MSP) at Cal Poly; from Agricultural Biotechnology, Specialty Crops to Human Nutrition and Obesity*, submitted to USDA Higher Education Multicultural Scholars Program, PI, requesting support for 5 scholarships for students (4 undergraduates, 1 transfer student), July 2010, \$182,000 (not funded).
- *Learn-by-Doing” in the Multicultural Scholars Program (MSP) at Cal Poly; from Bioenergy to Human Nutrition and Obesity*, submitted to USDA Higher Education Multicultural Scholars Program, PI, requesting support for 5 scholarships for students (4 undergraduates, 1 transfer student), July 2008, \$180,000 (not funded).
- *Higher Education Multicultural Scholars Program at Cal Poly*, submitted to USDA Higher Education Multicultural Scholars Program, PI, support for 5 scholarships for students (4 undergraduates, 1 transfer student), June 2006, \$120,000 funded June 2007 – August 2011.
- *Breastfeeding Duration Rates Among Women in San Luis Obispo County*, submitted to Children and Families Commission of San Luis Obispo County, PIs: Louise A. Berner, Mary E. Pedersen. (\$55,986 funded). Project duration: project 49420 from March 2002 – June 2004; project 51020 from July 2004 – June 2005. Matching funding from CSU Ag Research Initiative (below) (July 2001 – March 2005).
- *Breastfeeding Duration and Other Infant Feeding Practices Among Mothers in San Luis Obispo County*, submitted to California State University Agriculture Research Initiative. PIs: Louise A. Berner, Mary E. Pedersen, \$55,986 matching funds.
- *A Computerized Auto Tutorial to Facilitate Critical Thinking Skills for Evaluating Nutrition Information*, submitted to USDA Higher Education Challenge Grant. Associate Investigator with Dr. Cindy Heiss (author, project director: 10/98 – 8/99), Mary Pedersen, project director (9/99 – 3/01) funded \$159,917.
- *Mechanism of Appetite Suppression Induced by Simmondsin Administration to Rats*, submitted to Purcell Jojoba International, Inc. and CSU Agricultural Research Initiative Grant, PI, February 2000 – 2002, funded \$15,600.
- *Equipment grant to purchase a UV/Visible Spectrophotometer with temperature regulation*, submitted to SCIFTS Educational Research Grant program, equipment for class use and graduate research projects, funded \$5,662.
- *The Influence of Milk and Whey Protein on the Humoral Immune Response of Mice*, submitted to California Dairy Foods Research Center, PI, July 1991 – August 1999, funded \$45,975.

- *Nutritional/Hormonal Regulation of Lipoprotein Lipase*, submitted to National Institutes of Health, PI, provided 33% faculty release time per quarter during the academic year and full-time salary during the summer quarters, July 1984 – June 1987, funded \$140,000.
- *Characterization of Lipoprotein Lipase in the Diabetic Rat*, submitted to American Diabetes Association, PI, December 1984 – December 1986, funded \$30,000.
- *The Effects of Maternal Employment and the Family Context on Children's Nutritional Status and Schooling in Guatemala*, submitted to US Agency for International Development Associate, PI Dr. Patricia Engle, nutritional consultant M. Pedersen, December 1983 – August 1985.

GRADUATE STUDENTS

Committee Chair/Major Advisor

- Susan Klucker Thesis: *Evaluation of Beverage Selection from Vending Machines at a California Central Coast High School (2003 – 2004 AY)*, May 2014.
- Melanie Covert Thesis: *The Influence of Chilling and Heat Accumulation on Peak Bloom, Bloom Length and Crop Yields in Almonds (Prunus dulcis (Mill.))*, December 2011.
- Julie Andrews-Scott Thesis: *Diabetes Education Intervention Influencing Health Goals*, March 2008.
- Lauren Halliburton Thesis: *Factors Associated with Early Cessation of Breastfeeding Among Women in San Luis Obispo County*, July 2005.
- David W. Nelson Thesis: *Anorectic and Toxic Effects of Simmondsin When Fed to Male Sprague-Dawley Rats*, March 2001.
- Sheila Kaiser Thesis: *The Use of Sesame Oil in Nutrition Rehabilitation to Reverse Brain Impairment Caused by Malnutrition*, February 1999.
- Susan Gollnick Thesis: *A Feasibility Study of Implementing an ADA-Accredited Dietetic Internship on the Central Coast of California*, November 1998.
- Balaraj Timothy Chinniah Thesis: *The Effect of Dietary Whey Proteins and Lipids on the Primary Immune Response of Mice*, November 1997 (Dr. Rafael Jiminez, co-chair/advisor of committee).

SERVICE

University

- *Academic Assessment Council (AAC)*, 2011– 2019.
- *General Education Governing Board*, 2011– 2017.
- *UNIV Task Force*, January – May, 2012.
- *Student Success Council*, 2014 – 2019.
- *Guest lecture, FSN 429 Clinical Nutrition-Cardiovascular Disease*, November 17, 2010.
- *Kaizen Process to Review Program Review and Assessment*, April 2010 – June 2010.
- *Diversity Learning Objectives, Assessment Committee*, October 2009 – June 2010.
- *Change of Major Guideline Revisions Committee*, October 2009 – May 2010.
- *Minimum Progress to Degree Policy Development Committee*, September 2009 – May 2010.
- *Guest lecture, FSN 419 Community Nutrition*, May 7, 2009.
- *Poly Cultural Weekend- Panel Speaker*, Cal Poly, April 11, 2009.
- *Universities Fighting World Hunger*, faculty advisor for student organization, 2008 – 2011.

- *Served as Internal Reviewer for Program Review for M.S. in Biological Sciences, May 2006.*
- *Served as investigator on a sexual harassment claim, November 2005 – May 2006.*
- *Cal Poly Dean's Enrollment Planning Advisory Committee (DEPAC), 2003 – 2010.*
- *Chair, Institutional Animal Care and Use Committee, 1998 – 2003.*
- *Human Subject Use Committee, 1994 – 2019.*
- *Mortar Board Senior Honor Society, senior faculty advisor for honor society, 1984 – 2012.*
- *Vineyard Christian Fellowship, faculty advisor, 1993 – 2003.*
- *Distinguished Teaching Award Selection Committee, 1998 – 2000.*
- *University Reaccreditation Committee, WSCUC, 1998 – 1999.*
- *General Education and Breadth Revisions Area D Subcommittee, 1997 – 1999.*
- *Sexual Harassment Advisor, 1993 – 1995.*
- *Ad Hoc Committee of Development of Program Review Criteria, Chair, 1991– 1992.*
- *Cal Poly Vice President Recruitment Committee, AY 1986 – 1987.*
- *Athletic Advisory Commission, 1982 – 1984.*
- *Student Affairs Committee, Academic Senate representative, 1982 – 1983.*

College of Agriculture, Food and Environmental Sciences

- *Faculty Advisor, Ag Student Council, 2003 – 2011.*
- *CAFES Academic Assessment and Program Review Committee, Chair, AY 2002 – 2011.*
- *CAFES Computer Advising Committee, AY 2003 – 2008.*
- *CAFES Open House Committee, AY 2003 – 2011.*
- *CAFES Mentoring Committee, AY 2002 – 2011.*
- *Curriculum Committee, AY 2002 – 2011.*
- *CAFES Strategic Design Team, AY 2002 – 2003.*
- *Dean's Selection Consultative Committee, Chair, AY 2001– 2002.*
- *Instructional Enhancement Committee, CAFES, 1996 – 2011.*
- *CAFES Peer Review Committee, 1998 – 2001.*
- *CAFES Professional Leave Committee, 2000 – 2003.*
- *Wine and Viticulture Committee, 2002 – 2009.*
- *Special Wrasse Scholarship Committee, 1996 – 1998.*
- *CAFES Graduate Studies Committee, 1986 – 1998.*
- *CAFES Structure Task Force, 1994 – 1995.*
- *Dean's Selection Consultative Committee, AY 1991 – 1992.*
- *CAFES Research Committee, 1986 – 1989.*

Department

- *Co-advisor for Nutrition Science Club, 1981– 1988, 1988 – 1997.*
- *Nutrition Area Coordinator, Fall 1998 – Winter 1999.*
- *Nutrition Course Scheduler, Fall 1998 – Winter 1999.*

- *Department Head Search Committee*, 1998 – 1999.
- *Curriculum Enhancement*, various committees.

Community

- *Strategic Planning*, Bellevue Santa Fe Charter School, April 2006 – June 2006.
- *Governing Board*, Bellevue Santa Fe Charter School; President 2003 –20 05 AY; Treasurer 1998 – 2003 AY; President 1998 –1999 AY; Vice-president 1997 – 1998 AY.
- *Curriculum Committee*, Bellevue Santa Fe Charter School, 1996 – 1997.
- *Career Day Presenter*, Teach Elementary School, December 1995.
- *School Site Council*, Teach Elementary School, 1995 – 1996.
- *Scholarship Committee*, Southern California IFT Section, Chair 1993 – 1994, member 1991–1993.

TEACHING EXPERIENCE

Undergraduate:

- First-year orientation courses
- Advanced Nutrition
- Maternal and Child Nutrition
- Nutrition and Aging
- Medical Nutrition Therapy
- World Food Systems/Politics

Graduate:

- Lipid Metabolism
- Nutrition

HONORS AND AWARDS

- Alpha Zeta Honor and Associate Membership, 2004
- Golden Key Honorary Member, 2004
- Meritorious Performance and Professional Promise Award, 1996, 1998
- National Association of Colleges and Teachers of Agriculture Award, 1996
- Cal Poly Distinguished Teaching Award (highest teaching award on campus), 1991-1992
- Cal Poly Nominee for Outstanding Professor Award of the Trustees, 1989-1990
- Mortar Board Honorary Member, 1990
- Outstanding Young Women of America Award, 1982
- Outstanding Academic Scholar, UCLA School of Public Health Alumni Award, 1980
- National Institutes of Health- Atherosclerosis Fellowship Award, UCLA 1980-1981