

The lead faculty members in the curriculum development and implementation of the proposed BS program are Jennifer MacDonald and Dr. Carmen Rexach. These and other faculty members involved in the program have worked at the department, college, and state levels to determine transfer pattern course articulation, determine course outline comparison and evaluation, write curriculum, and revise curriculum. Since 2001, Professor MacDonald HT (ASCP) has coordinated the histotechnician program at Mt. SAC, teaching all histotechnology courses and leading the efforts to secure NAACLS accreditation. Prior to her career in education, Professor MacDonald was the Anatomic Pathology Manager at San Antonio Community Hospital. She obtained her degree in Canada where she worked in all areas of the clinical laboratory, including histology.

Dr. Rexach holds an undergraduate degree from UCLA, a Master's Degree in the Pathophysiology of Human Disease from CSU Stanislaus, and a PhD in Infectious Diseases Epidemiology from UC Davis, where she conducted research in *Clostridium difficile* colitis in pediatric patients. She is a member of the Infectious Diseases Society of America, where she sits on the Public Health Advisory Committee, a member of the American Academy of Clinical Anatomists, American Society for Microbiology, the American Public Health Association, and various international organizations supporting research and clinical practice in infectious diseases. During her tenure at Mt. SAC, she authored the AS Degree in Public Health and the program's nine courses, as well as courses in pathophysiology, immunology, and genetics. She is also the author of the Certificate in Human Prosecution. Together with Virginia Pascoe, she developed and maintains a cadaver lab on campus which provides prosecuted anatomical specimens for demonstration in the many sections of lower division anatomy we offer each term. Dr. Rexach was recognized by the American Medical Student Association (AMSA) as the recipient of the Women Leaders in Medicine Award in 2018.

Additional faculty supporting the Histotechnology Program include Elizabeta Boyer Meyer, PhD, Carola Wright, PhD, and Melissa Presch, MS.

Dr. Meyer holds two PhDs from Michigan State University (MSU): one in Biochemistry and the other in Toxicology. She completed a NIEHS pre-doctoral fellowship from 1991 to 1997. Dr. Meyer taught upper-division courses in biochemistry (lecture and lab) at Michigan State University & CSU Fullerton which included courses in genetics for majors and non-majors. She has been a faculty member at Mt. SAC since 2001, where her teaching assignments include anatomy, physiology, and cell and molecular biology, both lecture and lab, and genetics lecture. She has completed graduate level coursework in human prosecution, clinical veterinary toxicology, pathology, pathophysiology, and biochemistry.

Dr. Wright holds an undergraduate degree in Pharmacology from Germany and a PhD in Biological Sciences from UC Irvine, Department of Physiology and Biophysics. She has completed extensive graduate course work in the field of medical physiology, cell physiology, molecular biology, and biochemistry, and she has conducted research resulting in four publications in the American Journal of Physiology – Cell Physiology.

Significant histology, including processing and staining of muscle cells, was an intricate part of her research, which she has continued during sabbatical leave. At Mt. SAC, she has taught general biology for majors and non-majors, cell and molecular biology, microbiology, and histotechnology.

Melissa Presch holds an undergraduate biology degree from CSU Fullerton and a master's degree in Biological Science from CSU San Bernardino. Professor Presch completed 2.5 years in the Doctoral Program at UC Riverside before then deciding to pursue a career in teaching versus academic research. Professor Presch began teaching human anatomy in 1993 and as a doctoral student at UC Riverside, Professor Presch, she taught comparative vertebrate anatomy. After deciding to leave the program to pursue teaching, she became the coordinator for the Vertebrate Anatomy Lab Program (a two-quarter program) at CSU Fullerton that ran 30+ lab sections each quarter. Professor Presch was a lecturer and the coordinator for the upper-division Human Anatomy Program at CSU Fullerton for ten years before beginning her tenure at Mt. SAC. While at CSU Fullerton, she coordinated and taught multiple sections of human anatomy, which included maintaining the human cadaver program. Melissa has been the coordinator of the Anatomy 35: Human Anatomy program at Mt. SAC since 2010.