

I'm not robot  reCAPTCHA

Continue

Sports heads basketball championship garrison

Go to the main content of University of Washington UW School of Pharmacy School of Pharmacy HomeSchool of Pharmacy PeopleLouis Garrison Website: PhD in Economics, Stanford University Bachelor of Arts in Economics, Indiana University National and international health policy issues Economic evaluation of pharmaceuticals, devices, diagnostics, and other technologies Personalized/precision/regenerative medicines PHARM 534/HSEYV 583: Economic Evaluation in Health and Medicine PHARM 568: Health Economics PHARM 581: Global Health Pharmacy PHARM 582C: Global Health Pharmacy-PharmacoEconomics PHARM 532: Pharmaceutical Policy Dr. Professor Lou Garrison emeritus of Comparative Health Outcomes, Policy, and Economics (CHOICE) Institute at the School of Pharmacy, where he joined the faculty in 2004. In October 2016, he became a senior guest fellow at the Health Economics Office of Health Economics in London. For the first 13 years of his career, Dr. Garrison worked in non-profit health policy research first at battle human affairs research centers in Seattle and then at the Project HOPE Center for Health Affairs (Virginia), where he was director from 1989 to 1992. He then worked as an economist in the pharmaceutical industry for 12 years. From 2002 to 2004, he was Vice President of Health Economics and Strategic Pricing at Roche Pharmaceuticals in Basel, Switzerland, and head of strategic pricing. Dr. Garrison holds a bachelor's degree in economics from Indiana University and a PhD in economics from Stanford University. He has more than 150 publications in peer-reviewed journals. Dr Garrison was elected president of ISPOR between July 2016 and June 2017. He was a member of ispor's board from 2007 to 2009 and from 2015 to 2015-2015. Between 2012 and 2015, he co-chaired the ISPOR Health Science Policy Council - on real data and performance-based risk-sharing agreements., and chaired ispor's Health Science Policy Council from 2012 to 2015. She is also recently co-chair of the ISPOR Special Task Force on U.S. Value Frameworks, and she is faculty adviser to the UW ISPOR Student Chapter. He is directly former chairman of the Past Presidents Council and the ISPOR Nomination Committee. In 2017, PharmaVOICE selected him as one of the 100 most inspiring people in the industry. I recently received the PhRMA Foundation and Personalized Medical Coalition 2018 Value Assessment Challenge First Prize from the lead author of a paper on Strategy to support the effective development and use of innovations in personalized and precision medicine. Webinars, videos and podcasts Selected publications Garrison LP, Jackson T, Paul D, Kenston M. Value-based pricing for emerging gene therapies : the economic reason for the higher cost-effectiveness threshold. *Journal of Managed Care & Specialty Pharmacy*. Upcoming E-Publication. February 2019. Garrison LP Jr, Neumann PJ, Willke RJ, Basu A, PM, Doshi JA, Drummond MF, Lakdawalla DN, Pauly MV, Phelps CE, Ramsey SD, SD, A, Weinstein MC. Health Economic Approach to the US Value Assessment Framework - Summary and recommendations of the ISPOR Special Task Force Report [7]. *Value status*. February 2018; 21(2):161-165. Garrison LP Jr, Pauly MV, Willke RJ, Neumann PJ. Overview of value, perspective and decision-making environment on approach to health economics: ISPOR Special Working Group Report [2]. *Value status*. February 2018; 21(2):124-130. Garrison LP, Kamal-Bahl, S, Towse, A. Towards a broader concept value: identifying elements and determining the expanded cost-effectiveness analysis. *Value health* 20 (2017) Garrison LP Jr, Carlson JJ, Bajaj PS, Towse A, Neumann PJ, Sullivan SD, Westrich K, Dubois RW. Private sector risk-sharing agreements in the United States: trends, obstacles and prospects. *Am J Manag Care*. 2015 Sep;21(9):632-40. Kaló Z, Annemans L, Garrison LP. Different pricing of new medicines in lower-income European countries. *Expert Rev Pharmacoecon Results Res*. 2013 December;13(6):735-41 Towse A, Garrison LP Jr. Economic Incentives Proof Generation: Promoting an Effective Path to Personalized Medicine. *Value status*. September-October 2013;16(6th place): S39-43 Garrison LP, Jr. (co-chair); Towse A (co-chair) and his mtsai. The economic value of innovative treatments for the product's life cycle: the case targeted Trastuzumab chemotherapy for breast cancer. *Value in state*. 12(8): 1118-23. 2009 Garrison LP, Towse A, Bresnahan B. Evaluation of structured, quantitative health outcomes approach drug risk-benefit analysis, health matters, 26(3):684-95. 2007. Garrison LP and Neumann PJ (Co-Chairs); Erickson P, Marshall D, Mullins CD. Use real data for coverage and payment decisions: ISPOR Working Group Report on Real Data. *Value for status* 10(5): 326-335. September 2007. Garrison LP and Austin MJF. The economics of personalised medicine: an incentive model for creating and capturing value. *Drug Information Journal* 41: 501-509, 2007 PharmD Pharmacy, 1989 Glen T. Schumock Professor and Dean of the College of Pharmacy at the University of Illinois in Chicago (UIC). He was previously head of the Department of Pharmaceutical Sciences, Results and Policy (2013-2017) and founding director of the Centre for Pharmacoepidemiology and Pharmacology Research (2002-2013). From 1995 to 2000, he was chief pharmaceutical officer at Wausau Hospital in Wisconsin. He holds degrees from Washington State University (B.Pharm.), the University of Washington (Pharm.D.), and the UIC (M.B.A., and Ph.D.). He received residency and scholarship training at the University of Washington and UIC. Dr. Schumock's scientific efforts focus on economic impact, clinical efficacy and safety medicines and related services or policies. He has received more than \$6 million in funding such as PI from government agencies, private foundations, and pharmaceutical companies. Dr. Schumock has written more than 200 articles and books. He is on editorial boards for pharmacotherapy, PharmacoEconomics, and the *Journal of Comparative Effectiveness Research* (Co-Editor). In 2014, he received the American Society of Health-System Pharmacists Foundation's ongoing literary contribution. He is a fellow at the American College of Clinical Pharmacy. PharmD Pharmacy, 1987 Marianne F. Ivey, Pharm.D., M.P.H., FASHP, served as ASHP president in 1981. I remember the day Dr. Oddis dropped me off at the White House to meet president Ronald Reagan, who invited a number of organizations to celebrate National Security Week, Marianne recalled. The pharmacy introduced a safety cap for prescription bottles, so I had to shake President Reagan's hand and take pictures! Marianne is an emerita professor at the University of Cincinnati. He was inspired to become a pharmacist by a pharmacist and his wife in his small hometown. They sponsored me to visit the University of Wisconsin School of Pharmacy when I was in high school. I loved what I heard and saw, said Marianne. He was vice president of pharmaceutical services for the integrated health care system, the Greater Cincinnati Health Association. He is Professor Emerita, Pharmaceutical Practice/Administrative Sciences, College of Pharmacy, University of Cincinnati. He facilitates the strategic planning of pharmacy departments with multiple hospital systems. Ivey is chairman of the ASHP, chairman of hod, member of the Committee on Goals, and member of the certification and treasurer committee of the ASHP and ASHP Research and Education Foundation. He received the 1993 ASHP Whitney Lecture Award, the 2005 Ohio Society of Health System Pharmacists Walter Frazier Leadership Award, the 2007 Webb Lecture Award for Pharmacy Management, and the International Pharmaceutical Practices Association (IIP) in 2011. He was faculty of ASHP Research and Education Foundation Pharmacy Leadership Academy and the Pharmaceutical Advisory Committee of the Joint Committee. He is immediate past president of the hospital pharmacy section of FIP and hosted by pharmacists from Nigeria and India via FIP Pharmabridge. He is the Board of Visitors of the University of Wisconsin SOP, the External Advisory Board of the University of Kentucky SOP and the St Louis COP Chair of vocal advisory boards. According to ASHP, the Marianne F. Ivey Leadership Development Fund was set up in 2019 to enhance the impact of pharmacists as a direct patient care service. B.S. Pharmacy, 1975 Don Downing dedicated his career as a professor and doctor to moving the profession pharmacy forward. A graduate of the University of Washington with a Bachelor of Science in Pharmacy, Don teaches topics including legislative and ethics, and is a prolific advocate for pharmacists, patients and under-supplied populations. In 1975, Don helped launch the Puyallup Tribal Health Authority clinic in Tacoma, Washington, and continued there until 1985. Then, he joined the Washington School of Pharmacy faculty and later opened the first pharmacy in Bonney Lake and a community pharmacy on the Federal Way. He continues to consult and develop pharmacy services for various Native American tribes. Peggy Soule Odegard, dean of the University of Washington School of Pharmacy, praised Don's commitment to pharmacy. Don sets an example in the teaching report and makes a significant contribution to the professional development of graduates of pharmacy... He embodies the service attitude of students and peers, kindly nudging all of us to engage to improve access to services for those who are less fortunate. He regularly reaches out to local and world communities to help those in need, modeling compassionate care for his students and often facilitating and supporting the necessary changes to reduce inequalities during his visits. Don developed the country's first pharmacist-provided emergency contraception program and continuous hormonal contraceptive services initiated by the first pharmacist. He also helped lead efforts in the 1990s to educate and certify pharmacists in Washington state and several other states to take flu shots and other vaccines. Don has worked on pharmacy supply legislation in 39 states, dedicating much of his energy to changing public perceptions of pharmacists. In addition, he has conducted extensive research funded by agencies such as the U.S. Agency for International Development, the National Institutes of Health, supporting young people and the Packard Foundation. Don has received numerous accolades from local, state and national pharmacy organizations, including the American Pharmacists Association's Academy of Pharmacy Practice and Management Distinguished Achievement Award, the Washington State Pharmacy Association's David Almqvist Award and pharmacist of the year award, as well as the UW School of Pharmacy Distinguished Alumnus Award and Milo Gibaldi Excellence in Teaching Award. Don is most proud to have written and prepared the 2015 Pharmacy Medical Care Bill (SB 5557), the first legislation of its kind in the country to recognize and pay pharmacists for their clinical services. PharmD Pharmacy 2003Ph.D. CHOICE, 2012 Dr. Hansen is an associate professor pharmacy at the UW School of Pharmacy. His primary research interest focuses on comparative safety of prescription drugs, health technology assessment and the effectiveness of the health system. Acquired at Carroll College and a doctorate in pharmacy and philosophy from the University of Washington. Hansen is a fellow of the American College of Pathoecaries and a member of the International Society for Pharmacoconomics and OutcomeResearch and the Washington State Pharmacy Association. He is also an Agency for Health Research and Quality/UW K12 Patient-Centered Outcomes Research Scientist, an ARCS Foundation scientist, and was chosen as a distinguished Alumnus at the UW School of Pharmacy. Hansen served as the journal's referee for JAMA Internal Medicine, Pediatrics, Value in Health, and The Journal of Pain. He is also an active pharmacist for a stint in a community practice environment. In this role, he uses his research skills to improve the practice of the pharmacy. He also works as vice president and chief technology officer of kelley-ross pharmacy group. In 2006, Ryan and his wife Kell set up the Adam Christopher Hansen Endowed Scholarship Fund to support students at the pharmaceutical school. Enter the Adam Christopher Hansen Endowed Fellowship PharmD, 2003 Michael L. Brandt of Medicine liaison to Janssen Oncology, where he specializes in hematological malignancy, research, and KOL engagement. Michael's practice includes caring for cancer patients, evaluation of chemotherapy treatments, monitoring chemotherapy preparation, and as part of a team, providing access to oral chemotherapy and targeted therapies for patients. The practice includes mentoring and prescribing pharmacy students, pharmacy residents, and other pharmacists and technicians who are less familiar with chemotherapy treatment. This includes maintaining current sources of information on chemotherapy and maintaining best practices for the preparation of chemotherapy. She lectures nationally on colorectal cancer, breast cancer, and Non-Hodgkins lymphoma, as well as cancer treatment in general. He earned a bachelor's degree from the University of Utah in 1984 and a PHARMD from the University of Washington in 2003. The University of Washington, D.C., he was the former president of the Washington State Pharmaceutical Association and has been active in local, state and national organizations for years. In 2013, he was recognized as an associate of the American Society of Health-System Pharmacists. Michael has three children and six grandchildren. Ph.D. Medicinal Chemistry, 2003 Leslie joined the Department of Pharmaceutical Professional Development at the University of Wisconsin in August 2019. He has thirteen years of experience in the drug research and development of Amgen and Genentech/Roche. He specializes in pharmaceutical metabolism and pharmacokinetics, pharmacogenomics, drug-to-drug interactions, ophthalmic and oncology drug development and patient-centered clinical trial design. PostDoc CHOICE, 1999 Shelby Reed, PhD, RPh professor of population health sciences and medicine at Duke University and director of the Preference Assessment Research Group (PreFER) at Duke Clinical Research Institute. He is also the basic arm and serves as the Duke-Margolis Medical Policy Center. Dr. Reed has 20 years of experience leading multidisciplinary health outcomes research. Dr. Reed has extensive expertise in designing and conducting a trial and model-based cost-effectiveness analysis of diagnostics, medicines and patient-centric interventions. When assessing health policy issues, it developed computer models to assess the economic impact of trends in clinical trial planning, changes in reimbursement policies, a new funding system to encourage drug development for ultra-rare conditions, and the social value of alternative approaches to identify drug safety problems. Over the past few years, research has increasingly focused on stated-preference studies to evaluate benefit-risk trade-offs, patient-centered value, and their application to comparative efficacy research and clinical decision-making. Dr. Reed earned a pharmacy and doctorate from the University of Maryland and completed his training in the Pharmaceutical Results Research and Policy Program at the University of Washington. He serves on editorial advisory boards for Value in Health and Health Services Research. In 2017-2018, he was president of Pharmacoconomics and Outcome Research (ISPOR). PharmD Pharmacy, 1985 Roger Woolf, '85, is passionate about the leading role pharmacists have in the U.S. health care system. Growing up, many of his family members were in the health professions, including pharmacy. My uncle was a pharmacist in Yakimo, he thought. Talking to him about his work helped me to see the potential impact pharmacists would have if they could be patient-centered. In his position at Virginia Mason Medical Center, Roger provides leadership in a wide range of pharmaceutical services to the Center's integrated health care system. But it doesn't stop there. He works diligently to teach and mentor learner pharmacists to become leaders in health care and is very committed to training UW/SOP APPE/IPPE students and interns. I always encourage students to participate in leadership opportunities at school. If we are to continue the practice, we need people who can drive with passion and are not afraid to try new and innovative ways for pharmacists to affect patient care. He has been in contact with UW/SOP since completing his PharmD degree in 1985. From the moment I got accepted to UW/SOP, I knew I was part of something special, he said. The faculty has called on us to be innovative and to practice progressively. It was the UW that I really started with my passion for progressing into practice. He has worked with UW faculty and WSPA leadership for years to educate Washington state legislators on the benefits of having pharmacists Providers. There were so many obstacles to pharmacists being certified. Working with Don Downing, Jeff Rochon and many others the benefits of supplying pharmacists as providers. Now the team is traveling to the U.S. sharing with providers and legislators how Washington led the way in patient care by creating pharmacists as full members of the health care team. B.S. Pharmacy, 1977 A graduate of the department in 1977, Rod Shafer served as CEO of the Washington State Pharmacy Association (WSPA) for 15 years. In 1992, he received the School's Distinguished Alumnus Award. The WSPA also created the Rodney D. Shafer award, which recognizes a pharmacy specialist who pioneered and supported the contribution of the profession to the pharmacy. PharmD Pharmacy, 2012 Karen Cradick is the assistant director of Pharmacy at the University of Washington Medical Center-Northwest. In his role, he has the pleasure to work with many UW School of Pharmacy students on IPPE, APPE, WIP and Serving as Mentor in the Mentor program. He oversees pharmaceutical student education programs on the northwest campus and the internship program. He likes working with students! She gives back UW/SOP because she is very grateful for the training and mentorship she has received from the UW School of Pharmacy and UW Medicine, where she worked as a Harborview intern and pharmacy resident. When he's not working, he's actively involved in his community, which serves as vice president of the Haller Lake Community Club. Running, playing with her whippets, wine and backpacks all rejuvenates her to tackle what's next. M.S. Pharm., 1951 Ph.D. Pharmacy, 1956 Dr. Plein and her late husband Elmer, are widely credited with creating the impetus for a leading care pharmacy in Washington state at a time when few pharmacists were geriatric and had few resources to support older patients. In 1973, they developed a nursing home pharmacy course at the School of Pharmacy and Foss Home, a nursing home, with the help of a graduate student. During his career, he received numerous awards and is a beloved member of the School of Pharmacy. He and Elmer's legacy of supporting geriatric pharmacy live at the Plein Center for Geriatric Pharmacy Research, Education and Outreach, as well as a number of scholarship funds called in his honor. Give me to support Joy and Elmer's Scholarship Fund here. B.S. Pharmacy, 1968 Doug has worked in the pharmaceutical industry for over thirty-five years, mostly in the product development/pre-clinical development space. It has made a significant contribution to the development of 70 products marketed, including the design of multiple successful development and regulatory strategies. It has led a number of change initiatives and has played a significant role in the redesign of larger organizations to significantly increase speed and resource efficiency. It has three patents, including nitroglycerin carriers and bandages, a powder injection mixing system and bulk lyophilization of drugs. Doug in the 2000-2008 capital as campaign co-chairman helps secure more than \$22M in private funding and the creation of the Sid Nelson endowed professor. B.S. Pharmacy, 1979 Juan Cantu graduated from the University of Washington in 1976 with a degree in invertebrate zoology. In 1980, he received a bachelor's degree in pharmacy. Cantu has been the owner of JC's pharmacy in Shepherd for six years. Before that, he worked as a manager and director of pharmacy at many hospitals, including Methodist and Spawm hospitals in Houston and Spawm Christi did. Juan was also one of the founding members of sea-mar health clinics. Organized by a group of Latino community leaders and health activists who dreamed of developing a comprehensive health center for the Latino community in Seattle, satellite clinics in rural communities in Western Washington. They started in 1978 with a small clinic in Seattle's South Park neighborhood. Today, Sea Mar is one of Western Washington's largest providers of community-based health and human services, including community and migrant primary medical and dental care, obstetrics and gynecology, minor outpatient surgery, laboratory and radiological services, outpatient and inpatient behavioral health and drug treatment services, social services and case management, maternity support services, migrant and homeless support services, health education and nutrition programs, pharmacy services, community and facility-based long-term care services, childcare, housing for low-income and migrant farm workers, and youth education and leadership programmes. Sea Mar has services and programs in 13 Washington counties including Clallam, Clark, Cowlitz, Franklin, Grays Harbor, Island, King, Pierce, Skagit, Snohomish, Thurston, Whatcom and Yakima. They have been married to his wife Rosario for more than 18 years and have three daughters, Laurie, Rosita and Yolanda. He and his family have lived in Shepherd since 1991. PharmD Pharmacy, 2013Ph.D. Pharmacotics, 2016M.S. Pharmacy, 2016 Cate is executive director of the Biologics and Biosimilars Collective Intelligence Consortium. BBIC was called in 2015 by the Academy of Managed Care Pharmacy (AMCP) to meet the expected needs of post-market monitoring of biosimilants and their associated new biologics. BBIC is the only multi-stakeholder research network that monitors bio-like products and relies on large amounts of identified medical and pharmacy data sets (100 million people live). Managed care and integrated delivery organisations have devoted considerable resources to developing an infrastructure that enables the active supervision of biosilots in distributed research networks. The BBIC marshals use these resources for important public health benefits inherited by monitoring biosimilar safety and efficiency, with ongoing sequential analyses to compare biosimilars with the innovator product. Cate is already active since he was a pharmacy student, including a contestant at the student pharmacy pharmacy (P&mp2 T) in competitions and serves as student president at the University of Washington. Cate also received the Plein Fellowship during her time at the School of Pharmacy and is an active researcher at Professor Ed Kelly's Lab, studying kidney-on-a-chip (Cate designed the project logo and patch that flew to nasa's space station) and Bietti's crystalline dystrophy (BCD), a rare eye blinding disease. Ph.D. Pharmaceutics, 2004 Erica Woodahl received a Ph.D. in biochemistry from the University of Notre Dame in 1998 and a Ph.D. in pharmacy from the University of Washington in 2004. He earned a postdoctoral fellowship in clinical pharmacocotic studies at the Fred Hutchinson Cancer Research Center in Seattle, Washington. He joined the Faculty of Teaching At the University of Montana in 2007 and was promoted to associate professor in 2012. The woodahl laboratory's research focus focuses on precision medicine and pharmacogenomics to identify sources of inter-individual variability in the treatment and prevention of diseases (e.g. genes, environment and lifestyle). We are interested in genetic and environmental factors that alter pharmacokinetics, or ADME (absorption, distribution, metabolism, and elimination), and pharmacokinetics of many therapeutic compounds. To transpase pharmacogenetics into clinical practice, genetic research is required, whose different patient populations accurately predict drug response and toxicity for all people. To this end, we focus on precision medicine and pharmacogenomics with rural and poorly equipped populations. U.S. Native Indian and Alaskan populations in the United States have largely missed out on precision medicine and pharmacogenetics research. Our research is part of the Northwest Alaska Pharmacogenetic Research Network (NWA-PGRN), which aims to involve indigenous populations in precision medical research (1U01GM092676 and P01GM116691). In Montana, we formed a community-scientific partnership with the Confederated Salish and Kootenai tribes on the Flathead Reservation. This work includes genetic variation and characterization of environmental factors that predict drug response and toxicity. Precision medicine research has a wide range of usefulness in many therapeutic areas, with our primary focus on drugs for the treatment of cardiovascular disease and cancer. PostDoc Medicinal Chemistry, 2013 Klarissa Jackson, Ph.D. joined the faculty of UNC Eshelman Pharmaceutical School as an assistant professor in the Pharmacotherapy and Experimental Therapy Department in 2019. His research interest focuses on drug metabolism and toxicology to better understand the mechanisms and risk factors for side effects and improve drug safety. Jackson holds a bachelor's degree in chemistry from Jackson State University and a Ph.D. in pharmacology from Vanderbilt University. He earned a postdoctoral fellowship at the University of Washington. Under the Pharmaceutical Department's Medical Chemistry mentor, Dr. Allan Rettie and Sidney Nelson. Before joining UNC, Jackson was an assistant professor at Lipscomb University College of Pharmacy in the Department of Pharmacy and an assistant professor at Vanderbilt University in the Department of Pharmacology. In 2014, Dr Jackson received the new American Association of Colleges of Pharmacy (AACP) Detective Award. Jackson's research program is supported by funding from the NIH National Cancer Institute Center to Reduce Cancer Health Inequalities, the National Institute of General Medical Sciences, and the American Association of Colleges of Pharmacy. His laboratory is currently exploring the role of cytochrome P450 in metabolism and hepatotoxicity of tyrosine kinase inhibitors used in targeted cancer therapy. He is interested in understanding the effects of variability in drug metabolism and predisposition to individual risk of drug toxicity. The long-term goal of the research is to better predict and prevent serious side effects and improve drug safety in different patient populations. Watch Beyond the LAB B.S. Pharmacy, 1973 After completing his studies at the University of Washington, Mark Holzemer began his career as a pharmacist at Dick's Pharmacy in Bellevue. In 1975, he left Dick's to join Valley Ridge Pharmacy, where he worked until 1976. In 1976 he and Mr. Karpen founded prescription etc. Inc. (dba Bellegrove Medical Supply), medical care. For more than 25 years, Bellegrove Medical has been a resource for cruise ships, merchant ships and remote locations. Bellegrove delivers solutions that ensure the ships are equipped with the necessary care to take care of its crew and passengers. He also owns Woodinville Medical Center Pharmacy, a pharmacy he opened in 1991 before being sold to a pharmacy by fellow SOP alum, Steve Singer. Ph.D. Medicinal Chemistry, 1998 Luke Lightning is a Native American entrepreneur whose career spans many industries, including tech start-ups, business development and sales, and pharmaceutical research (Chief Evangelist at Good & amp; amp; Co Labs Inc; former managing partner of the LAUNCH Partnership, this week's Startups; Founder of Bay Area LifeTech). He was a postdoctoral fellow at UCSF, an assistant professor of pharmacological, pharmacokinetic, drug metabolism, biochemical and bioanalytical chemistry at Purdue; Sr Scientist II, DMPK. He is currently head of Business Development for BIM Designs, Inc. throughout his career, Luke has facilitated and promoted diversity initiatives, including 7+ years as senior organizer of Native American Heritage Night for the SF Giants, as well as board member of the Multicultural Alumni Network at Carleton College. Luke also helped build the UW/SOP alum network in the Bay Area. Ph.D. Medicinal Chemistry, 2007 Jed is an assistant professor, Department of Pharmaceutical Sciences at the Skaggs School of and pharmaceutical sciences. Every year, thousands of patients and premature babies are treated with various drugs, despite the fact that many of these drugs have never been tested for safety and effectiveness in this fragile patient population. The primary objective of the Lampe laboratory is to understand how drug metabolism modulates efficacy and toxicity in a developing infant in order to make the drugs safer for these vulnerable patients. Ph.D. Medicinal Chemistry, 2000 2018 Brenda Kelly was appointed image and dean of Gustavus Adolphus College college. Kelly, who has a degree in chemistry from Creighton University and a doctorate in medicine from the University of Washington, has been a member of the Gustavus Faculty of Chemistry and Biology since 2002. Before taking an administrative role in scientific matters in 2015, Kelly taught courses in biochemistry, organic chemistry and introductory chemistry while focusing her student-centered research on the relationship between the structure and function of biological enzymes. He recently co-wrote a textbook, *The Science of Cooking: Understanding the Biology and Chemistry Behind Food and Cooking*, which embraces many scientific principles of food, cooking, and the science of taste and smell. Prior to serving in provost's office, he was chair of the chemistry department from 2011 to 2015 and director of the biochemical and molecular biology program from 2013 to 2014. His service to the College also has extensive support for writing experience in addition to coordinating the Howard Hughes Medical Institute's (HHMI) Peer Mentoring Program and managing the Louis Stokes Alliance's minority participation grant. B.S. Pharmacy, 1994 Joan Douget touched many lives during her time at school. Born in Billings Montana, Joan has shown a lifelong commitment to supporting pharmacy students in need. After a varied career that led to Renton, a veterinary care company in Washington, D.C., Joan realized that she had a passion for healing and decided to pursue her passion at the School of Pharmacy. Joan graduated in 1994, and despite her cancer diagnosis during her final year of the program, Joan was determined to maintain academic excellence and complete her degree, even when she was under ongoing chemotherapy treatments. The scholarship grant allowed Joan to stay in the program during medical treatment. When she passed away in 2003, Joan asked for a scholarship fund to be set up on her behalf to support future students at the school, particularly those facing health problems, disability or children. B.S. Pharmacy, 1987 Barbara Tolliver-Craig graduated from the UW School of Pharmacy in 1987. Currently, community pharmacist Barbara has had the opportunity to use a variety of pharmaceutical services like Certified Diabetes anticoagulant therapy management provider, family practice clinic pharmacist and Manager. Favorite pharmacy school memories include playing with the recreational volleyball team, studying at the South Campus Center stalls and eating pizza at Northlake Tavern. A preceptor for many years, Barbara continues to serve students at the UW School of Pharmacy. Helping students grow their knowledge, skill and confidence and watching so many go to excellent pharmacists was a joy and an honor for him. In 2020, Barbara's daughter Marissa graduated pharmd from the Faculty of Pharmacy at UW. B.S. Pharmacy, 1969 Ray credits much of the success he enjoys today with the education he received from the UW School of Pharmacy, and opened doors allowing him to continue to earn a Ph.D. and then MD. Like many of today's students, Ray would not have been able to attend our school without the help of scholarship funds. I applied to UW, they offered me financial support, I hired them, and I've been grateful ever since, Wilson said. In expressing his gratitude, Wilson led the creation of a first-class scholarship foundation. More than a third of his classmates helped create the 1969 Endowed Fellowship. Wilson, co-chair of the school's 2000-2008 campaign, is the 35th president of the school's campaign. The scholarship was fully endowed in 2006. Wilson challenges other classes to create their own endowed funds. It just takes one or two motivated people in each class to get the ball rolling. It's a very feasible thing to do, Wilson said. Ray is a longtime Husky Basketball and football fan and continues to support students and the school. He and his wife, Cherie, set up the Joan Nelson Endowed Fund in honor of Dean Emeritus Sid Nelson's

