

## Karen S.I. Gebhardt

*Director of the Online Economics Program*  
*Associate Teaching Professor*  
*Professor of Economics Pedagogical Practice*  
Department of Economics and Division of Continuing Education

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*Faculty Associate*  
Environmental Studies Department

## Education

- 2011 PhD, Colorado State University Department of Economics, Fort Collins, CO  
Dissertation: The economic impact of bird and rodent damage to California agriculture.  
Adviser: C.M. Fan, Committee: Alex Bernasek, Dave Mushinski, Dawn Thilmany
- 2006 Graduate Certificate in Women's Studies, Office of Women's Programs and Studies,  
Colorado State University
- 2003 – 2006 Preparing Future Faculty Fellow, <https://preparing-faculty.org/>
- 2003 M.A. Economics, Colorado State University, Fort Collins, CO
- 2000 Graduate of the Central and Eastern European Studies Program at the Vysoka Skola  
Ekonomicka Vpraze (VSE, The University of Economics), Prague, Czech Republic
- 2000 B.A. Economics, Colorado State University, Fort Collins, CO
- 2000 Completion of the President's Leadership Program, Colorado State University, Fort Collins,  
CO

## Employment

- 1/23 – present Director for Undergraduate Online Learning  
Office of Academic and Learning Innovation (ALI)  
University of Colorado Boulder, Boulder CO
- 8/18 – present Director of the Online Economics Program  
Associate Teaching Professor  
Professor of Economics Pedagogical Practice  
Department of Economics and Division of Continuing Education  
University of Colorado Boulder, Boulder CO
- 8/17 – 5/23 Associate Teaching Professor  
Masters of the Environment (MENV) graduate degree program  
University of Colorado Boulder, Boulder, CO
- 5/22 – 8/22 Interim Specialization Lead  
MENV Environmental and Natural Resource Policy Specialization  
University of Colorado Boulder, Boulder, CO
- 8/11 – 7/18 Assistant Professor  
Coordinator of Online Studies  
Coordinator, CSU-FTU Vietnam Economics Curriculum Program  
Department of Economics

- Colorado State University, Fort Collins, CO
- 7/06 – 5/10     Economist  
United States Department of Agriculture (USDA) / Animal and Plant Health Inspection Service (APHIS) / Wildlife Services (WS) / National Wildlife Research Center (NWRC)  
4101 LaPorte Ave., Fort Collins, CO, 80521
- 8/03 – 8/11     Instructor  
Department of Economics  
Colorado State University, Fort Collins, CO

## Teaching

### Courses taught at University of Colorado Boulder:

Mathematical Tools for Economists 1 (ECON 1078), Economics Department, Online  
Mathematical Tools for Economists 2 (ECON 1088), Economics Department, Online  
Principles of Macroeconomics (ECON 2020), Economics Department, Online and Hybrid  
Economics in Action (ECON 1010), In-Person, a Partnership with Adams 12 (High Schools in north metro Denver) <https://outreach.colorado.edu/program/pathway-from-high-school-to-college-summer-economics-program/>  
Intermediate Microeconomics (ECON 3070), Economics Department, Online  
Money and Banking (ECON 4111), Economics Department, Online  
Managerial Economics (ECON 4705), Economics Department, Online  
Public Economics: The Economics of the Government Sector (ECON 4211), Economics Department, Online  
Environmental Public Finance (ENVM 5004), Masters of the Environment graduate program, In-person and Remote  
Evaluating Food Systems: Economic Cost-Benefit Analysis Module (ENVM 6100), Masters of the Environment graduate program, In-person  
Environmental Statistics (ENVM 6101), Masters of the Environment graduate program, In-person  
Essentials of Environmental Economics (ENVM 6101), Masters of the Environment graduate program, In-person and Remote  
Foundations of Environmental and Natural Resource Economics (ENVM 6104), Masters of the Environment graduate program, In-person

### Courses taught at Colorado State University:

Economics of Social Issues, In-person  
Principles of Microeconomics, In-person and Online, Regular and Honors  
Principles of Macroeconomics, In-person and Online, Regular and Honors  
Gender in the Economy, In-person  
Intermediate Microeconomics, In-person and Online  
Public Finance, In-person and Online  
International Finance, In-person  
Development Economics, In-person  
Teacher Training Seminar for Economic Graduate Students, In-person

### Courses taught internationally:

Intermediate Macroeconomics – FTU, Foreign Trade University, Hanoi, Vietnam  
Comparative Labor Economics – VSE, The University of Economics, Prague, Czech Republic  
International Trade – FTU, Foreign Trade University, Hanoi, Vietnam  
International Finance – FTU, Foreign Trade University, Hanoi, Vietnam

## Awards, Honors, Grants and Fellowships Related to Teaching Excellence

Selected as a Faculty Leadership Institute (FLI) Fellow, University of Colorado Boulder, 2023-2024

- FLI is a program that helps identify, foster and support emerging leaders as they prepare to further their leadership trajectory at the University of Colorado Boulder.
- A group of 12-15 faculty members are chosen to make up the new leadership class each year.
- <https://www.colorado.edu/fds/faculty-leadership-institute-fli>

Won the University Professional and Continuing Education Association (UPCEA) Excellence in Teaching Award, 2023

- This national award recognizes those who have made significant contributions to credit or noncredit programs and who have provided inspirational teaching to professional, continuing, and/or online education students.
- One award is given annually.
- <https://upcea.edu/2023-association-award-recipient/>

Awarded Community Impact Grant from the Office for Outreach and Engagement, University of Colorado Boulder, 2022

- Grant was awarded for work with Denver-metro low-income, first-generation, and underrepresented high school students.
- <https://outreach.colorado.edu/program/pathway-from-high-school-to-college-summer-economics-program/>

Selected as an ASSETT Faculty Fellow, University of Colorado Boulder, 2021-2022.

- The Arts & Sciences Support of Education Through Technology (ASSETT) Faculty Fellows Program is a collaborative community of faculty from the College of Arts & Sciences who address teaching, learning, and technology challenges within their individual departments.
- <https://www.colorado.edu/asset/2021-2022-faculty-fellows-quality-teaching-initiative>

Nominated for the CU Boulder ASSETT Excellence in Teaching with Technology Award, 2021

Won Stanford Calderwood Faculty Teaching Award, Department of Economics, University of Colorado Boulder, 2020

- This award recognizes two professors annually for their excellence in teaching in the Department of Economics.

Awarded Accelerating the Adoption of Adaptive Courseware in ECON 204 Grant. Association of Public and Land Grant Universities (APLU) through the Institute of Teaching and Learning (TILT, CSU). Awarded Spring 2017, Research Semesters 2017–2018.

Awarded Faculty Fellows Award (The Institute of Teaching and Learning, CSU), 2016-2018

- Research to identify early indicators of students' academic performance in all courses in CSU's Online Economics Program, test interventions to prompt improved study behaviors, and redesign courses to use effective indicators and interventions.
- Awarded Fall 2016, Research Semesters 2016–2018.

Selected as a High Impact Practices and Learning Courseware Fellow, The Institute of Teaching and Learning, Colorado State University: 2016-2018

Awarded Accelerating the Adoption of Adaptive Courseware in ECON 202 Grant. Association of Public and Land Grant Universities (APLU) through the Institute of Teaching and Learning (TILT, CSU). Awarded Fall 2017, Research Semesters 2016–2017.

Won Research Fellow Award (Center for the Analytics of Learning and Teaching, CSU), 2017-2018

- Recognition for innovative work to predict student disengagement and implement effective interventions in courses in the Economics Online Program:
- Awarded Fall 2016, Research Semesters 2017–2018.

Awarded Course Redesign Grant (The Institute of Teaching and Learning, CSU), 2017

- Redesign a core course to integrate peer education (learning Assistants) into Principles of

Microeconomics.

- Awarded Summer 2016, Research Semester Spring 2017.

Awarded Course Redesign Grant (The Institute of Teaching and Learning, CSU), 2016

- Funding to integrate active and adaptive learning into Principles of Microeconomics. This award was part of the large APLU grant awarded to CSU and TILT to accelerate the implementation of adaptive courseware in high-enrollment gateway courses.
- Awarded Summer 2016, Research Semester Fall 2016.

Awarded Course Redesign Grant (CSU Online) to redesign Principles of Microeconomics and Principles of Macroeconomics: Awarded Spring 2016, Research Semesters Summer and Fall 2016.

Won Colorado State University Alumni Association Best Teacher Award: 2015

- The Best Teacher Awards program acknowledges dedicated CSU teachers, professors, and faculty who have made a significant impact in the life of students, faculty, and alumni.
- Nominations for this award are from current students and alumni.
- Only 6 professors receive the award each year.
- <https://source.colostate.edu/best-teacher-awards-2015/>

Named 2015 “Colorado State University Instructional Innovator” by Provosts Rick Miranda and Mike Palmquist

Named 2015 “Colorado State University Faculty Resource Expert” by Provosts Rick Miranda and Mike Palmquist

Nominated for College of Liberal Arts Excellence in Teaching Award, Colorado State University: 2011-2012 and 2013-2014

Nominated for Colorado State University Alumni Association Best Teacher Award: 2006, 2008, 2013, and 2014

Awarded Teaching Fellows Grant, The Institute of Teaching and Learning, Colorado State University: 2007-2008

Awarded Teaching Fellows Grant (The Institute of Teaching and Learning, CSU) with Prof. Robert Kling to analyze the effectiveness of ‘writing to learn’ in Principles of Microeconomics: 2007–2008.

Awarded Course Redesign Grant (The Institute of Teaching and Learning, CSU) for online class: 2007–2008.

Won Water Pik Excellence in Teaching Award, Colorado State University: 2005–2006

- This award highlights excellence in the classroom by Colorado State University student-athletes and professors.
- Student athletes nominate 5 professors to receive this award each year.
- [https://csurams.com/news/2005/9/29/Excellence\\_In\\_Education](https://csurams.com/news/2005/9/29/Excellence_In_Education)

Won Outstanding Graduate Teacher, Department of Economics, Colorado State University: 2005–2006.

- One student per year is selected as Outstanding Graduate Student - Teacher.

## Research

### Academic Textbooks

The Economy Today 17e, The Macro Economy Today 17e, and The Micro Economy Today 17e, with Bradley Schiller, 2024, McGraw-Hill/Irwin Publishing. ISBN-13: 978-1265430276, 978-1265439903, and 978-1265444310.

Essentials of Economics 12e, with Bradley Schiller, 2023, McGraw-Hill/Irwin Publishing. ISBN-13: 978-1264122103.

**Refereed Journal Articles**

Long, M. G., Gebhardt, K., & McKenna, K. 2023. Success rate disparities between online and face-to-face economics courses: Understanding the impacts of student affiliation and course modality, *Online Learning*, 27(4), 461-485.

<https://olj.onlinelearningconsortium.org/index.php/olj/article/view/3447>

Altringer, L., McKenna, K., Gebhardt, K., and Long, M. 2022. Promoting Meaningful Interaction and Community Development Through Discussion Board Activities in the Online Economics Classroom. *Journal of Educators Online*.

[https://www.thejeo.com/archive/archive/2022\\_191/mckenna\\_altringer\\_gebhardt\\_longpdf](https://www.thejeo.com/archive/archive/2022_191/mckenna_altringer_gebhardt_longpdf)

Gebhardt, K., and McKenna, K. 2019. A messaging framework for online educators. *eLearn Magazine*, Special Issue: Paradigm Shifts in Global Higher Education and eLearning, Vol. 2019, Iss. 5. doi: 10.1145/3329488.3331175

<https://dl.acm.org/citation.cfm?id=3331175>

McKenna, K., Gebhardt, K., & Altringer, L. 2019. Exploring community in discussion board activities. *Online Journal of Distance Education and eLearning*, 7(3), 185-198.

<https://www.tojdel.net/journals/tojdel/articles/v07i03/v07i03-04.pdf>

Gebhardt, K. 2018. Adaptive Learning Courseware as a Tool to Build Foundational Content Mastery: Evidence from Principles of Microeconomics. *Current Issues in Emerging eLearning*: Vol. 5: Iss. 1, Article 2.

<https://scholarworks.umb.edu/ciee/vol5/iss1/2>

Anderson, A., K. Gebhardt, W.T. Cross, and S.A. Shwiff. 2013. Spillover benefits of wildlife management to support pheasant populations. *Wildlife Society Bulletin* 37(2): 278-280. doi 10.1002/wsb.280.

[https://digitalcommons.unl.edu/cgi/viewcontent.cgi?article=2440&context=icwdm\\_usdanwrc](https://digitalcommons.unl.edu/cgi/viewcontent.cgi?article=2440&context=icwdm_usdanwrc)

Anderson, A., S.A. Shwiff, K. Gebhardt, A.J. Ramírez, S.S. Shwiff, D. Kohler, and L. Lecuona. 2012. Economic Evaluation of Vampire Bat (*Desmodus rotundus*) Rabies Prevention in Mexico. *Transboundary and Emerging Diseases*. 2012 Sep 18.

<https://pubmed.ncbi.nlm.nih.gov/22984914/>

Gebhardt, K., S.A. Shwiff, K.N. Kirkpatrick, and A. Anderson, 2011. A review and synthesis of bird and rodent damage estimates to select California crops. *Crop Protection*, 30:1106-1116.

<https://www.sciencedirect.com/science/article/abs/pii/S0261219411001797>

Shwiff, S.A, K. Gebhardt, K.N. Kirkpatrick, and S.S. Shwiff, 2010. Potential economic damage from introduction of Brown Tree Snakes, *Boiga irregularis* (Reptilia: Colubridae), to the Islands of Hawai'i. *Pacific Science*, 64:1:1-10.

<http://www.bioone.org/doi/abs/10.2984/64.1.001>

**Refereed Book Chapters**

Gebhardt, K., Buchan, T., Gorzelsky, G., Jones, B., and Clark, S. 2018. Closing the Gaps on Student Success: The Synergistic Effect of Learning Science, Adaptive Courseware and Learning Assistants at Colorado State University. *RC 20/20 Project*, <https://www.rc-2020.org/>

<https://www.rc-2020.org/buchanclarkgebhardtjonesgorzelsky>

<https://sites.google.com/view/rc2020csu/closing-the-gaps>

<https://www.youtube.com/watch?v=hFT-ZNUpm-E&t=261s>

**Refereed Proceedings**

Field, J., Lewkow, N., Burns, S., and K. Gebhardt, 2018. A Generalized Classifier to Identify Online Learning

Tool Disengagement at Scale. In Proceedings of Learning Analytics and Knowledge Conference (LAK'18). ACM, New York, NY, USA, 10 pages. <https://dl.acm.org/citation.cfm?id=3170370>

Gebhardt, K., McKenna, K., & Long, M.G. (2018). Identifying trends in student success in online economics courses at a large state university. Learning Analytics and Knowledge Companion Proceedings, 279-280. Retrieved from <https://drive.google.com/file/d/1wN-swZRDiWjf9W4kY25YjA4uyxIWHDcy/view>

Gebhardt, K. & McKenna, K. 2018. A Messaging Framework for Online Educators. Proceedings of EdMedia: World Conference on Educational Media and Technology (pp. 731-735). Amsterdam, Netherlands: Association for the Advancement of Computing in Education (AACE). Retrieved August 21, 2018 from <https://www.learntechlib.org/primary/p/184269/>

Gebhardt, K., 2017. Dimensions of Quality Assurance at Colorado State University. KỶ YẾU HỘI THẢO KHOA HỌC, ĐẢM BẢO CHẤT LƯỢNG VÀ PHÁT TRIỂN CHƯƠNG TRÌNH ĐÀO TẠO TẠI KHOA KINH TẾ VÀ KINH DOANH QUỐC TẾ (Scientific Conference on Quality Assurance and Development of Training Programs in International Economic and Business Science). TRƯỜNG ĐẠI HỌC NGOẠI THƯƠNG KHOA KINH TẾ VÀ KINH DOANH QUỐC TẾ (Foreign Trade University), Hanoi, Vietnam. December 5, 2017. Pp. 20-31.

Anderson, A M.; Gebhardt, K; Kirkpatrick, KN.; Bergman, D L.; and Shwiff, SA., 2014 Economic Analysis of Indemnity Payments for Wolf Depredation on Cattle in a Wolf Reintroduction Area. USDA National Wildlife Research Center - Staff Publications. 1805. [https://digitalcommons.unl.edu/icwdm\\_usdanwrc/1805](https://digitalcommons.unl.edu/icwdm_usdanwrc/1805)

Cozzens, T., K. Gebhardt, S. Shwiff, M. Lutman, K. Pedersen, and S. Swafford. 2010. Modeling the economic impact of feral swine-transmitted foot-and-mouth disease: A case study from Missouri. Proceedings of the Vertebrate Pest Conference, 24:308-311. [http://www.aphis.usda.gov/wildlife\\_damage/nwrc/publications/10pubs/cozzens101.pdf](http://www.aphis.usda.gov/wildlife_damage/nwrc/publications/10pubs/cozzens101.pdf)

Gebhardt, K., S.A. Shwiff, B.R. Leland, D.R. Hatchett, and M.J. Bodenchuk. 2009. Methodology to estimate cost savings associated with the use of trap monitor systems by Wildlife Services. Proceedings of the Wildlife Damage Management Conference, 13:132-136. [http://digitalcommons.unl.edu/icwdm\\_wdmconfproc/112/](http://digitalcommons.unl.edu/icwdm_wdmconfproc/112/)

Shwiff, S. A, K. N. Kirkpatrick, R. T. Sterner, and K. Gebhardt. 2008. The economic impacts of bird and rodent damage to California crops: A methodology to select counties for input-output modeling. Proceedings of the Vertebrate Pest Conference, 23:286-289. [http://www.aphis.usda.gov/wildlife\\_damage/nwrc/publications/08pubs/shwiff084.pdf](http://www.aphis.usda.gov/wildlife_damage/nwrc/publications/08pubs/shwiff084.pdf)

### **Selected Briefs and Reports**

K. Gebhardt. 2019. Discipline Research Brief in Economics: Adaptive Courseware in Economics. EveryLearner Everywhere. Boulder, CO.

Shwiff SA, Gebhardt K, Kirkpatrick KN. 2009. The economic impact of bird and rodent damage to California crops: an economic evaluation of the losses caused by bird and rodent damage and selected benefits of pest control expenditures. Final report. Vertebrate Pest Control Research Advisory Committee, California Department of Food and Agriculture, Sacramento, CA.

### **Selected Presentations**

Gebhardt, K. Lunch and Learn. McGraw Hill Higher Education. Department of Economics, University of Colorado Boulder. April 20, 2023.

Gebhardt, K. Economics is Awesome. CU Boulder Gear Up Program for newly admitted first-generation and

underrepresented students of color. University of Colorado Boulder. June 14, 2022.

Gebhardt, K. Improving Student Outcomes with Frequent Low Stakes Assessments. CU Boulder Continuing Education Online Pedagogy Café. Virtual. April 22, 2022  
<https://www.colorado.edu/onlinepedagogycafe/session-schedule-2022-stay-tuned-updates>

Gebhardt, K., Alejos, C., and K. Kaiser. Ensuring Student Affordability, Equity & Success in Colorado: A Peer-to-Peer Dialogue. McGraw Hill Higher Education Virtual Symposium. Virtual. February 23, 2022.

Gebhardt, K. 5 Ways to Improve Student Success & Engagement in Principles of Economics. McGraw Hill Faculty Development Workshop. Virtual. March 25, 2021.

Gebhardt, K. ECON Everyday: Topics to Engage Economic Students. Principles of Economics: A Virtual Symposium Event. Virtual. February 26, 2021.

Gebhardt, K., and B. Schiller. Cheap Talk: The folly of Investing in Campaign Promises. Texas Community College Teachers Association 74th Annual Convention. Strong Relationships: Why In-Person Conversation is Essential. Virtual. February 12, 2021.

2021 Allied Social Sciences Associations (ASSA) Annual Meeting. Virtual. January 3-5, 2021.

- Paper Presentation. Gebhardt, K. Methods to Enhance Community Through Messaging in the Online Economics Classroom. Session: Research on Economic Education: Practice. Hosted By: National Association of Economic Educators

Gebhardt, K. Messaging Strategies for Online Community Building. Session: Effective Online Instruction. St. Louis Federal Reserve Teaching Professor Conference. Virtual. November 4-5, 2020.

Gebhardt, K. ECON Everyday: Topics to Engage Economics Students. Principles of Economics Online: A Virtual Event. McGraw-Hill Education. Virtual. October 30, 2020.

2020 Allied Social Sciences Associations (ASSA) Annual Meeting. San Diego, California. January 3-5, 2020.

- Paper Presentation. Gebhardt, K., Altringer, L., McKenna, K., and Long, M. Promoting Meaningful Interaction and Community Development Through Discussion Board Activities in the Online Economics Classroom.
- Panel Presentation. Gebhardt, K., Lopus, J., Mendez-Carbajo, D., and Miller, L. Professional Promotion and the Scholarship of Teaching and Learning in Economics. Panel Presentation. 2020

Gebhardt, K., Guy-Ryan, J., Tchoubar, T., and Woods, S. Ensuring Academic Integrity: Lessons Learned and New Challenges in Creating Buy-in for Proctoring. Roundtable discussion. WCET (WICHE Cooperative for Educational Technologies) annual conference. Denver, Colorado. November 5-7, 2019.

COLTT (Colorado Learning and Teaching with Technology) annual conference. University of Colorado Boulder, Colorado. August 8-9, 2019.

- Workshop session. Gebhardt, K., Johnson, C., Buchan, T., and Kruse, T. Adaptive Courseware: Transforming Learning to Improve Student Success.
- Brief session. Gebhardt, K., and Bartulec, T. Cidi Labs Design Tools Part 2: A Deeper Dive into Creating a Beautiful and Accessible Canvas Course.

Gebhardt, K. ECON Everyday: Topics to Engaging Economic Students. Engaging Students in Principles of Economics Courses: A Symposium. Nashville, TN. March 7-9, 2019.

Gebhardt, K. Improving Student Outcomes with Frequent Testing and Team-Based Activities. Presentation

to Deans and Chairs at Colorado Technical University, Colorado Springs Campus. February 26, 2019.

Gebhardt, K. Adaptive learning courseware: A case study in improved learning outcomes. 30th Annual Teaching Economics Conference: Instruction and Classroom Based Research. Robert Morris University, Moon Township, Pennsylvania, February 21-23, 2019. Keynote Presentation.

Gebhardt, K., and Gorzelsky, G. Integrating Adaptive Courseware with High-Impact Practices. Colorado Regional Digital Learning Symposium. Colorado State University, Fort Collins, CO. January 30, 2019.  
<https://provost.colostate.edu/digital-learning-symposium/>

EDUCAUSE Annual Conference. Colorado Convention Center. Denver, CO. October 30–November 2, 2018.

- Interactive Presentation. Gebhardt, K. Adaptive Learning Courseware: A Case Study in Improved Learning Outcomes.
- Poster Presentation. Gebhardt, K., Buchan, T., Gorzelsky, G., and K. Vignare. Transforming Learning at Scale: Collaborating Across and Within Institutions
- Poster Presentation. Gebhardt, K., and K. McKenna. Motivation and Content: Framing Messaging in Online Education

Gebhardt, K., Buchan, T., Gorzelsky, G., Clark, S., and B. Jones. Closing the Gaps on Student Success: The Synergistic Effect of Learning Science, Adaptive Courseware, and Peer Learning. Reinvention Collaborative 2018 National Conference, Arlington, VA. November 8-10, 2018.

Gebhardt, K. and K. McKenna. Messaging Online: Learner Communication. American Association for Adult and Continuing Education (AAACE) 2018 Annual Conference. Myrtle Beach, SC. October 2-5, 2018.

Gebhardt, K. and K. McKenna. A Messaging Framework for Online Educators. Association for the Advancement of Computing in Education (AACE), EdMedia + Innovate Learning 2018. Amsterdam, Netherlands. June 25-29, 2018.

Gebhardt, K. Student Perceptions of High-Impact Practices and Adaptive Learning in the Principles Classroom. Conference on Teaching & Research in Economic Education (CTREE– American Economic Association). San Antonio, TX. May 30 -June 1, 2018.

The Institute for Learning and Teaching (TILT) 2018 Summer Conference. Closing the Student Achievement Gap: How Learning Happens and Active Learning Strategies. Colorado State University. May 16-17, 2018.

- Paper Presentation. Gebhardt, K., K. McKenna, M. Long, and L. Altringer. Closing Achievement Gaps between Online and On-campus Economics courses.
- Lightning Talk. Gebhardt, K. Lightning talk related to the work I have done with the APLU grant.

Gebhardt, K. Improving Success in Online Courses: How Data Can Inform Intervention. McGraw-Hill Education Economics Evolved: A Symposium Addressing the Paradigm Shift in Principles Courses. Nashville, TN. March 21-22, 2018.

Learning Analytics and Knowledge Conference (LAK). Sydney, Australia. Society for Learning Analytics Research (SoLAR). March 5–9, 2018.

- Paper presentation. Gebhardt, K., Lewkow, N., Fields, J., and Burns, S.A Generalized Classifier to Identify Online Learning Tool Disengagement at Scale.
- Poster presentation. Gebhardt, K., and K. McKenna. Identifying Trends in Student Success in Online Economics Courses at a Large State University.

Gebhardt, K., Gingrich, K., Jones, B., Garrity, D., and T. Donahue. Faculty Panel Discussion: The Use of



Adaptive Platforms in High-Enrollments and General Education Courses. Presented to the Digital Learning Solutions Network (DLSN). Colorado State University. March 1, 2019.

Gebhardt, K. Identifying Disengagement: How Can Technology Help? 29th Annual Teaching Economics Conference: Instruction and Classroom Based Research. Robert Morris University, Moon Township, Pennsylvania, February 15-17, 2018.

Gebhardt, K. Improving Student Outcomes with Low Stakes Assessments. Session: Authors' Secrets on How to Organize Principles Courses for Success. 2018 Allied Social Sciences Associations (ASSA) Annual Meeting. Philadelphia, Pennsylvania. January 5-7, 2018.

Gebhardt, K. Dimensions of Quality Assurance at Colorado State University. KỶ YẾU HỘI THẢO KHOA HỌC, ĐẢM BẢO CHẤT LƯỢNG VÀ PHÁT TRIỂN CHƯƠNG TRÌNH ĐÀO TẠO TẠI KHOA KINH TẾ VÀ KINH DOANH QUỐC TẾ (Scientific Conference on Quality Assurance and Development of Training Programs in International Economic and Business Science). TRƯỜNG ĐẠI HỌC NGOẠI THƯƠNG KHOA KINH TẾ VÀ KINH DOANH QUỐC TẾ (Foreign Trade University), Hanoi, Vietnam. December 5, 2017.

Gebhardt, K. Evaluation of Student Success in Online Economics Courses at Colorado State University, Center for the Analytics of Learning and Teaching, Colorado State University. November 7, 2017.

Gebhardt, K. Comparison of Attrition and Failure Rates Between Online vs. On-campus Economics Programs. Session: Online Delivery Methods, Engagement, and Student Performance in Economics. Conference on Teaching & Research in Economic Education (CTREE – American Economic Association). Denver, CO. May 31 – June 2, 2017.

The Institute for Learning and Teaching (TILT) 2017 Summer Conference. High-Impact Educational Practices Intersect with the Science of Learning. Colorado State University. May 18, 2017.

- Panel Presentation. Gebhardt, K. Adaptive Learning as a Tool to Build Content Mastery.
- Paper Presentation. Gebhardt, K., S. Burns, and J.L. Suárez García. Providing Analytics to Faculty: Dashboards, Metacognition, and More.

Gebhardt, K. Presentation to the Colorado State University Board of Governors related to current research with The Institute for Learning and Teaching (TILT). Colorado State University. May 3, 2017.

Gebhardt, K. Improving Student Outcomes with Low Stakes Assessments. The Institute for Learning and Teaching (TILT) Spring 2017 Workshop/Seminar Series. Colorado State University. March 22, 2017.

Gebhardt, K. Current Research. Undergraduate Women in Economics Research Symposium. Colorado State University. February 14, 2017.

Gebhardt, K., T. Buchan, and S. Kruse. Adaptive Learning in Support of High Impact Practices: Accelerating the Adoption of Adaptive Courseware. Professional Development Institute, Colorado State University. January 11, 2017.

Gebhardt, K. Adaptive Learning as a Tool to Build Content Mastery. Session: Evidence-Based Teaching in Economics. 2017 Allied Social Sciences Associations (ASSA) Annual Meeting. Chicago, Illinois. January 6-8, 2017.

Gebhardt, K. Engaging Students with Online Homework and Technology. Policy, Data, and Innovation: Where Worlds Collide in the Economic Classroom - INXPO Virtual Event. October 21, 2016.

2016 Conference on Teaching & Research in Economic Education (CTREE – American Economic

Association). Atlanta, Georgia. June 1-3, 2016.

- Paper Presentation. Gebhardt, K. Using Established Technology to Integrate Frequent Low-Stakes Quizzing to Improve Learning Outcomes.
- Focus Group. Gebhardt, K. The Art of Teaching: What does learning research tell us about frequent testing? The Science of Learning Meets the Art of Teaching.

Gebhardt, K. Evolution of the Economics Classroom—Connecting with Students at the Moment of Need. McGraw-Hill Education: Economics Workshop. Orlando, Florida. April 8, 2016

Gebhardt, K. Connecting with Students at the Moment of Need. Virtual Conference. McGraw-Hill Higher Education. March 23, 2016

Gebhardt, K. Becoming a Better Student: Lessons Learned from Economics. Invited guest speaker to undergraduate students at Houston Community College (HCCS) Pinemont Campus, Houston, Texas. February 29th, 2016.

Gebhardt, K. Connecting with Students at the Moment of Need. Webex Virtual Conference. McGraw-Hill Higher Education. February 25, 2016.

27th Annual Teaching Economics Conference: Instruction and Classroom Based Research. Robert Morris University, Moon Township, Pennsylvania, February 18-20, 2016.

- Keynote Presentation. Gebhardt, K. Improving Student Outcomes with Low Stakes Assignments.
- Technology Presentation. Gebhardt, K. and K. Hoenicke. Technology for Learning.

Gebhardt, K. Evolution of the Economics Classroom – Connecting with Students at the Moment of Need. McGraw-Hill Education Teaching without Limits Summit: Principles of Economics. Amelia Island, Florida. February 4-6, 2016.

Gebhardt, K. Engaging Students with Online Homework and Technology. Teach Without Limits – INXPO Virtual Event. McGraw-Hill Higher Education. January 14, 2016.

Gebhardt, K. Engaging Students with Online Homework and Technology. INXPO Virtual Event. McGraw-Hill Higher Education. August 13, 2016.

Gebhardt, K. Creating a More Engaging and Collaborative Online Program. 26th Annual Teaching Economics Conference: Instruction and Classroom Based Research. Robert Morris University, Moon Township, Pennsylvania, February 12-14, 2015.

Gebhardt, K. Coordinating Lectures, Labs, Instructors and Tutors. Provost's Academy for Instructional Innovation workshop on Challenging and Engaging Students in Core and Gateway Courses, May 21-22, 2014, Colorado State University, Fort Collins, Colorado.

Gebhardt, K., and P. Cole. A Gendered Analysis of Occupational Changes and Policy Responses to the Great Recession in Colorado. Western Social Science Association/Association for Institutional Thought (AFIT) Annual Conference. April 11-14, 2012. Houston, Texas.

## **Service**

### **Service at the University of Colorado Boulder (2018–present)**

#### **Economics Department**

Member of Undergraduate Program Committee, Department of Economics, CU Boulder, 2018–present

Pathways to College: Summer Economics Program, Department of Economics, Division of Continuing Education, Adams 12 School District, Economic Literacy Colorado, 2021-2023

Lead for the Arts & Sciences Quality Teaching Initiative for the Department of Economics, CU Boulder, 2021-2023

Development of Canvas Blueprint course for Intermediate Microeconomic Theory (ECON 3070), Department of Economics, CU Boulder, 2022

CU Boulder A&S College Day Welcome Fair representative, Department of Economics, CU Boulder, August 20, 2021

Member of Hiring Committee for Economics instructors (1 position), Department of Economics, CU Boulder, Spring 2022

Member of Mark Valkovci dissertation committee, Spring 2021

Member of Hiring Committee for Economics instructors (1 position), Department of Economics, CU Boulder, Spring 2021

Member of Economics Department Undergraduate Outcomes Assessment Committee, Department of Economics, CU Boulder, 2020

Developed Canvas Course "Online Boot Camp", Department of Economics, CU Boulder, Spring 2020

ARPAC (Academic Review and Planning Advisory Committee), Department of Economics, CU Boulder 2019.

Contributed to sections related to the undergraduate program and the online program

Hiring Chair for Economics online instructors (2 positions), Department of Economics, CU Boulder, Spring 2019

Economics Lead for Course Alert and Coaching Pilot Study, Department of Economics, CU Boulder, Spring 2019

### **College of Arts & Sciences**

A&S Ad Hoc Online Working Groups, Project Manager, College of Arts & Sciences, CU Boulder, 2023

Divisional Dean Search, Social Sciences Division, College of Arts & Sciences, CU Boulder, 2022-2023

Member of the Undergraduate Math Economics Coordination Committee, Department of Economics, CU Boulder, 2021-2022

### **University**

Academic Technology Advisory Group (ATAG), Office of Information Technology, CU Boulder, 2023-present

Member of the Online Liaisons, Division of Continuing Education, CU Boulder, 2018–present

Member of the Boulder Faculty Council Academic Technologies & Services Committee (ATSC), CU Boulder, 2021-2024

Member of the Frasca Award committee, Leeds School of Business, CU Boulder, spring 2022.

CU Boulder Fall Move-In Volunteer, CU Boulder, August 16, 2021, August 21, 2023.

Member of the taskforce reviewing the Master Service Agreement between CU System Online and CU Boulder, CU Boulder, spring 2021

Participant in the CU Online brand workshop for the Boulder Campus, February 3, 2021.

Member of Online Accelerator Committee, CU Boulder representative to the Academic Working Group, CU System, May-September 2020

Developed Canvas Course "Online Teaching Boot Camp", CU Boulder, Spring 2020

Member, Remote Teaching Support Team, CU Boulder, Spring 2020

Participant in focus group held by EY Parthenon consultants, CU Boulder, February 24, 2020

Continuing Education Faculty Meetup Presentation, CIDI Labs, Division of Continuing Education, CU Boulder, October 30, 2019

Member of Academic Futures / Financial Futures Online Working Group, CU Boulder, Spring/Summer 2019

Hiring Committee for Continuing Education, Instructional Designers (2 positions), Division of Continuing Education, CU Boulder, Spring 2019

Hiring Committee for MENV Sustainability and Planning Management Lead, Masters of the Environment, CU Boulder Spring 2019

**Service at Colorado State University (2011–2018)**

**Department**

Coordinator, CSU-FTU Vietnam Economics Curriculum Program, Department of Economics, Colorado State University, 2017 – 2018

Coordinator of Online Studies, Department of Economics, Colorado State University, 2012–2018

Assistant Coordinator, CSU-FTU Vietnam Economics Curriculum Program, Department of Economics, Colorado State University, 2016 – 2017

Special Instructor Mentor, Department of Economics, Colorado State University, 2010 – 2017

Online Program Committee, Chair, Department of Economics, Colorado State University, Fall 2013–present

Undergraduate Program Committee, Department of Economics, Colorado State University, Fall 2012–Summer 2017

Undergraduate Award Committee, Department of Economics, Colorado State University, Spring 2012–Summer 2017

**University**

CSU Online Policy Advisory Board, Colorado State University, 2016–2018

Faculty Advisor, Generation Financial Knowledge Development, CSU student organization, 2014–2018

Evaluation of CSU Online Faculty Training Modules, Fall 2016

Proctoring Task Force, CSU Online, Spring 2016

**Service for the Economic Profession**

Community Manager, Adaptive Learning in Economics (ALE) – A Community of Practice, Service to the profession, 2017 – 2018

Reviewer: Crop Protection, Wildlife Society Bulletin, eLearn

**Memberships and Affiliations**

American Economic Association (AEA)

Association for the Advancement of Computing in Education (AACE)

Association for Computing Machinery (ACM)

National Center for Faculty Development and Diversity

Educause

International Council for Open and Distance Education (ICDE)

National Association of Economic Educators (NAEE)

Society for Learning Analytics (SoLAR)

University Professional and Continuing Education Association (UPCEA)

WCET