

**BRENDA S. KELLY**  
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## EDUCATION

Ph.D., Medicinal Chemistry, 2000, University of Washington, Seattle, WA  
B.S., Chemistry, 1995, summa cum laude, Creighton University, Omaha, NE

## ACADEMIC APPOINTMENTS

Associate Professor of Biology and Chemistry | Gustavus Adolphus College | 2010-present  
Assistant Professor of Biology and Chemistry | Gustavus Adolphus College | 2003-2010  
Visiting Assistant Professor of Chemistry | Gustavus Adolphus College | 2002-2003  
Post-Doctoral Fellow | Medical College of Wisconsin, Dept of Biochemistry | 2000-2002  
Graduate Research Assistant | University of Washington-Seattle | Fall 1995-Summer 2000  
Graduate Teaching Assistant | University of Washington-Seattle | Fall 1996-Spring 1997

## BOOK AND PEER REVIEWED MANUSCRIPT PUBLICATIONS

- 1) Provost, J.J., Colabroy K.L., **Kelly B.S.**, Corrigan Steffey A.L., and Wallert M.A. (2025) The Science of Cooking, Understanding the Biology and Chemistry Behind Food and Cooking, 2<sup>nd</sup> edition. Hoboken, New Jersey: John Wiley & Sons.
  - 2) Provost, J.J., Colabroy K.L., **Kelly B.S.**, and Wallert M.A. (2016) The Science of Cooking, Understanding the Biology and Chemistry Behind Food and Cooking. Hoboken, New Jersey: John Wiley & Sons.
  - 3) **Kelly, B.S.**, and Splittgerber, A.G. The Pythagorean Theorem and the Solid State. (2005) *J. Chem. Ed.* 82, 756-761.
  - 4) **Kelly, B.S.**, Antholine, W.E., and Griffith, O.W. *Escherichia coli*  $\gamma$ -Glutamylcysteine Synthetase: Two Active Site Metal Ions Affect Substrate and Inhibitor Binding. (2002) *J. Biol. Chem.* 277, 50-58.
  - 5) Ibarra, C., **Nieslanik, B.S.**, and Atkins, W.M. Contribution of Aromatic-Aromatic Interactions to the Anomalous pKa of Tyrosine-9 and the C-Terminal Dynamics of Glutathione S-Transferase A1-1. (2001) *Biochem.* 40, 10614-10624.
  - 6) **Nieslanik, B.S.**, Ibarra, C., and Atkins, W.M. The C-Terminus of Glutathione S-Transferase A1-1 is Required for Entropically-Driven Ligand Binding. (2001) *Biochem.* 40, 3536-3543.
  - 7) Adman, E.T., LeTrong, I., Stenkamp, R.E., **Nieslanik, B.S.**, Dietze, E.C., Tai, G., Ibarra, C., and Atkins, W.M. Localization of the C-terminus of Rat Glutathione S-Transferase A1-1: Crystal Structure of Mutants W21F and W21F/F220Y. (2001) *Protein Structure, Function, and Genetics.* 42, 192-200.
  - 8) **Nieslanik, B.S.** and Atkins, W.M. The Catalytic Tyr-9 of Glutathione S-Transferase A1-1 Controls the Dynamics of the C-terminus. (2000) *J. Biol. Chem.* 275, 17447-17451.
  - 9) **Nieslanik, B.S.**, Dabrowski, M.J., Lyon, R.P., and Atkins, W.M. Stopped-flow Kinetic Analysis of the Ligand-Induced Coil-Helix Transition in Glutathione S-Transferase A1-1: Evidence for a Persistent Denatured State (1999) *Biochem.* 38, 6971-6980.
  - 10) **Nieslanik, B.S.**, Dietze, E.C., Atkins, W.M., LeTrong, I., Adman, E. The Locally Denatured State of GST A1-1: Transition State Analysis of Ligand-Dependent Formation of the C-terminal Helix. (1999) *Pac. Symp. Biocomput.* 554-565.
  - 11) Dietze, E.C., Grillo, M.P., Kalhorn, T., **Nieslanik, B.S.**, Jochheim, C.M., and Atkins, W.M. Thiol Ester Hydrolysis Catalyzed by Glutathione S-Transferase A1-1 (1998) *Biochem.* 37, 14948-14957.
  - 12) **Nieslanik, B.S.** and Atkins, W.M. Contribution of Linear Free Energy Relationships to Isozyme- and pH-Dependent Substrate Selectivity of Glutathione S-Transferases. (1998) *J. Amer. Chem. Soc.* 120, 6651-6660.
  - 13) **Nieslanik, B.S.**, Duester, E.N., Miao, L., Jackels, S.C., and Paine, R.T. Pyo2[18]diene-N6.4HBr.H2O. (1996) *Acta Crystallographica.* C52, 205-207.
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### **EXTERNAL GRANTS/PROPOSALS SUBMITTED**

April 2016	CIC NetVUE Vocational Exploration Renewal Grant, ' <i>The Gift of Vocational Exploration Language for First-year College Students</i> ', co-PI (with S. Erickson), funded, \$25,000.
Oct. 2012	Howard Hughes Medical Institute, contributor and editor, not funded.
July 2009	Louis Stokes Alliance for Minority Participants (LSAMP), North Star Alliance, ' <i>Expanding Opportunities for Students in the STEM Disciplines</i> ' funded, \$39,261.
July 2008	Louis Stokes Alliance for Minority Participants (LSAMP), North Star Alliance, ' <i>Expanding Opportunities for Students in the STEM Disciplines</i> ' funded, \$16,550.
May 2008	NSF-Course, Curriculum and Laboratory Improvement (CCLI), ' <i>Using Renewable Energy Modules Across the Curriculum to Enhance Student Learning</i> ', co-PI, not funded.
Jan. 2008	Louis Stokes Alliance for Minority Participants (LSAMP) Mini-Grant, ' <i>Expanding Opportunities for Students in the STEM Disciplines</i> ', funded, \$2200.
Nov. 2007	Merck/AAAS Undergraduate Science Research Program coauthor, funded, \$60,000.
Oct. 2007	Howard Hughes Medical Institute, contributor and editor, funded, \$1,000,000.
May 2007	NSF-Course, Curriculum and Laboratory Improvement (CCLI), ' <i>Integrating Renewable Energy Laboratory Exercises Across the Science Curriculum</i> ' co-PI, not funded.
Nov. 2006	Merck/AAAS Undergraduate Science Research Program coauthor, not funded.
Oct. 2003	Howard Hughes Medical Institute, contributor and editor, not funded.

### **INTERNAL GRANTS/PROPOSALS AWARDED**

2010-2011	William and Marilyn Ryerse Fund for Sabbatical Support, funded, \$3000.
2010-2011	Sabbatical Proposal, Gustavus Adolphus College, ' <i>Kinetic Characterization of Substrate Analogs of <i>E. coli</i> <math>\gamma</math>-glutamylcysteine ligase</i> ', full year sabbatical awarded.
March 2009	Research, Scholarship, and Creativity Grant, Gustavus Adolphus College, ' <i>Kinetic Characterization of Substrate Analogs of <i>E. coli</i> <math>\gamma</math>-glutamylcysteine ligase</i> ', funded, \$2200.
March 2007	Greater Gustavus Fund ' <i>Kinetic Characterization of Substrate Analogs of <i>E. coli</i> <math>\gamma</math>-glutamylcysteine synthetase</i> ' Gustavus Adolphus College, funded, \$3,500.
Oct. 2006	Bush Mini-Grant, Gustavus Adolphus College, ' <i>Advances in the Classroom Undergraduate Research Experience (CURE) Project</i> ', funded, \$800.
March 2005	Research, Scholarship, and Creativity Grant, Gustavus Adolphus College, ' <i>Purification Optimization of <i>E. coli</i> <math>\gamma</math>-glutamylcysteine synthetase</i> ', funded, \$2,200.

### **ACADEMIC AND RESEARCH AWARDS**

1999-2000	American Chemical Society, Division of Medicinal Chemistry, Predoctoral Fellowship.
1999	University of Washington, Hope Barnes Graduate Fellowship.
1996-1999	University of Washington, National Institutes of Health Pharmacological Sciences Training Grant.
1994	Alpha Sigma Nu induction, Jesuit Colleges and University Honor Society.
1993-1995	Creighton University, Clare Booth Luce Scholarship.

### **COURSES TAUGHT AT GUSTAVUS ADOLPHUS COLLEGE**

CHE-107:	Principles of Chemistry and lab (Fall 2003-2005, 2007-2009)
CHE-141:	Organic Chemistry I and lab (Sp 2003, lab 2007-2009)
CHE-251:	Organic Chemistry II and lab (Fa 2002, lab various)
CHE-255:	Biochemistry and lab (Fa 2003, annual/biannual 2004-2015)
CHE-258:	Inorganic Chemistry I laboratory (Sp 2003)
CHE-344:	Chemistry in the Environment (Sp 2003)
CHE-344:	Biophysical Chemistry (Sp 2008)
CHE-360:	Proteins and lab (2007-08, 2013-15)
BIO-201:	Cell and Molecular Biology laboratory (Fa 2006)
CHE-200:	Introduction to Medicinal Chemistry (IEX) (Jan 2003)
NDL-129:	The Chemistry of Cooking (IEX) (Jan 2007)

## UNDERGRADUATE RESEARCH STUDENTS MENTORED

Elizabeth Wiese ('15)	Kelly Rozenboom ('08)
Kathryn Diederichs ('15)	Audrey Schenewerk ('07)
Benjamin Johnson-Tesch ('11)	Sarah Hackenmueller ('07)
Jiawen Li ('11)	Nicole Gergen ('07)
Chelsea Koepsell ('10)	Andrea Putnam ('06)
Siu On Auyeung ('10)	Rebecca Palermo ('05)
Colin Boettcher ('09)	Stacy Decker ('05)
Chelsea Koepsell ('09)	Claire Poppe ('05)
Christine Askham ('09)	Sarah Greninger ('05)
Ryan Dobbs ('09)	Jamie Pratt ('04)

## ACADEMIC RESEARCH PRESENTATIONS & INVITED SEMINARS

(undergraduates are underlined, student presenter/s marked with an \*)

April 2016	Brenda S. Kelly and J.J. Provost. <i>Teaching a Broad Non-Science Major Audience Using the Science of Food and Cooking</i> . Experimental Biology 2016. San Diego, CA (paper and poster)
May 2015	<u>Elizabeth Wiese*</u> , <u>Kathryn Diederichs*</u> and Brenda Kelly. <i>Characterization of the Oligomeric States of E. Coli Gamma Glutamylcysteine Ligase</i> . 2015 Sigma Xi Symposium/Celebration of Creative Inquiry, Gustavus Adolphus College (paper and poster)
April 2015	<u>Elizabeth Wiese*</u> , <u>Kathryn Diederichs*</u> and Brenda Kelly. <i>Characterization of the Oligomeric States of E. Coli Gamma Glutamylcysteine Ligase</i> . Experimental Biology 2015, Boston, MA (poster).
Oct. 2014	<u>Elizabeth Wiese*</u> , <u>Kathryn Diederichs*</u> and Brenda Kelly. <i>Characterization of Oligomers of Gamma-Glutamylcysteine Ligase</i> . Undergraduate Research in the Molecular Sciences Annual Meeting, Moorhead, MN (poster)
Sept 2014	<u>Elizabeth Wiese*</u> , <u>Kathryn Diederichs*</u> and Brenda Kelly. <i>Characterization of Oligomers of Gamma-Glutamylcysteine Ligase</i> . Gustavus Fall Research Symposium (paper)
Nov. 2013	<u>Elizabeth Wiese*</u> and Brenda Kelly. <i>Separation and Characterization of Gamma-Glutamylcysteine Ligase</i> . Midstates Consortium for Mathematics and Science Undergraduate Research Symposium, Washington University
Sept. 2013	<u>Elizabeth Wiese*</u> and Brenda Kelly. <i>Separation and Characterization of Gamma-Glutamylcysteine Ligase</i> . Gustavus Fall Research Symposium (paper)
April 2013	<u>Elizabeth Wiese*</u> and Brenda S. Kelly. <i>Spectroscopic Characterization of Gamma-Glutamylcysteine Ligase Oligomers</i> . Experimental Biology 2013, San Diego, CA (poster)
Oct. 2011	Pamela M. Kittelson and Brenda S. Kelly. <i>A Peer Mentor Program Enhances Confidence, Leadership, and Interdisciplinary Learning in Biology and Chemistry</i> . International Mentoring Association Conference 2012, Orlando, FL (poster)
July 2011	Brenda S. Kelly and T. Baird. <i>Best Practices: Active Learning Strategies and Outreach Activities</i> . Student-Centered Education in the Molecular and Life Sciences II Symposium. Richmond, VA (paper)
May 2011	<u>Benjamin Johnson-Tesch*</u> and Brenda S. Kelly. <i>Insight into the Inhibition of E.coli Gamma-Glutamylcysteine Ligase by Sulfoximines</i> . Gustavus Sigma Xi Symposium (paper).
May 2011	<u>Jiawen Li*</u> and Brenda S. Kelly. <i>Identification and Monitoring of Gamma-Glutamylcysteine Ligase Inhibition in Cells</i> . Gustavus Sigma Xi Symposium (paper).
April 2011	<u>Benjamin Johnson-Tesch*</u> and Brenda S. Kelly. <i>Insight into the Inhibition of E.coli Gamma-Glutamylcysteine Ligase by Sulfoximines</i> . Experimental Biology 2011, Washington D.C. (poster)
April 2011	<u>Jiawen Li*</u> and Brenda S. Kelly. <i>Identification and Monitoring of Gamma-Glutamylcysteine Ligase Inhibition in Cells</i> . Experimental Biology 2011, Washington D.C. (poster)
Oct 2010	<u>Jiawen Li*</u> and Brenda Kelly. <i>Identification and monitoring of gamma-glutamylcysteine ligase inhibition</i> . Undergraduate Research in the Molecular Sciences Annual Meeting, Moorhead, MN (poster)
Sept. 2010	Brenda S. Kelly. <i>Determination of the Oligomeric State of E. coli Gamma-Glutamylcysteine Ligase</i> . Creighton University, Clare Booth Luce Symposium. (paper)

- Sept. 2010 Brenda S. Kelly. *Cooperative Behavior of Monomeric E. coli Gamma-Glutamylcysteine Ligase*. Medical College of Wisconsin, Department of Biochemistry. (paper)
- July 2009 Colin Boettcher\*, Chelsea Koepsell\*, and Brenda S. Kelly. *Allosteric Behavior of Monomeric E. coli Gamma-Glutamylcysteine Ligase in the Presence of Non-Substrate Analogs*. The 23rd Symposium of the Protein Society, Boston, MA (poster, peer reviewed & selected paper)
- May 2009 Colin Boettcher\*, Chelsea Koepsell\*, and Brenda S. Kelly. *Allosteric Behavior of Monomeric E. coli Gamma-Glutamylcysteine Ligase in the Presence of Non-Substrate Analogs*. Gustavus Sigma Xi Symposium (paper).
- May 2008 Kelly Rozenboom, Colin Boettcher, and Brenda Kelly. Identification of an allosteric binding site in Gamma-glutamylcysteine ligase. 2008 Sigma Xi Symposium, Gustavus Adolphus College (paper and poster)
- May 2008 Kelly Rozenboom, Colin Boettcher, and Brenda Kelly. Identification of an allosteric binding site in Gamma-glutamylcysteine ligase. 2008 Celebration of Creative Inquiry, Gustavus Adolphus College (poster)
- April 2008 Colin Boettcher\*, Kelly Rozenboom, and Brenda Kelly. Identification of an allosteric binding site in  $\gamma$ -glutamylcysteine ligase. Minnesota Academy of Science Meeting, Winchell Undergraduate Research Symposium, St. Paul, MN (poster)
- April 2008 Kelly Rozenboom\*, Colin Boettcher, and Brenda S. Kelly. *Identification of an Allosteric Binding Site in Gamma-Glutamylcysteine Ligase*. American Society for Biochemistry and Molecular Biology National Meeting, San Diego, CA (poster)
- Sept. 2007 Colin Boettcher, Kelly Rozenboom, and Brenda Kelly. *Spectroscopic Characterization of Gamma-Glutamylcysteine Ligase*. 2007 Fall Research Symposium, Gustavus Adolphus College (paper)
- May 2007 Audrey Schenewerk and Brenda Kelly. *Determination of the Structural Characteristics of the Inhibitor Binding Site in Gamma-Glutamylcysteine Synthetase*. 2007 Sigma Xi Symposium, Gustavus Adolphus College (paper)
- Nov. 2006 Brenda S. Kelly. *Curriculum Development in the Biochemistry Teaching Laboratory*. Hope College. (paper)
- Oct. 2006 Brenda S. Kelly and Jeff Dahlseid. *Curriculum Development in the Biochemistry Teaching Laboratory*. American Society for Biochemistry and Molecular Biology, Northwest Regional Affiliate Meeting, Moorhead, MN (poster)
- May 2006 Sarah Hackenmueller and Brenda Kelly. *Steady State Kinetics and Inhibition of E. coli Gamma-glutamylcysteine synthetase*. 2006 Sigma Xi Symposium, Gustavus Adolphus College (paper).
- March 2006 Brenda S. Kelly. *The Search for Inhibitors for E. coli Gamma-Glutamylcysteine Synthetase*. St. Olaf College. (paper)
- Aug. 2005 Andrea Putnam and Brenda Kelly. *Purification Optimization of E. coli Gamma-glutamyl cysteine Synthetase*. 2005 Summer Research Symposium, Gustavus Adolphus College (paper).
- Aug. 2005 Becky Palermo and Brenda Kelly. *Fluorescence Characterization of ATP Binding in Gamma-Glutamylcysteine Synthetase*. 2005 Summer Research Symposium, Gustavus Adolphus (paper)
- May 2005 Stacy Decker and Brenda Kelly. *Determination of Substrate Binding Affinity in Gamma-GCS using Fluorescence Spectroscopy*. 2005 Sigma Xi Symposium, Gustavus Adolphus (paper).
- March 2003 William Antholine, Brenda S. Kelly, Brian Bennett, Owen W. Griffith. *EPR of momoMN-, MnMn-, ZnMn-, and FeFe- Sites in  $\gamma$ -glutamylcysteine synthetase plus substrates or inhibitors*. Biophysical Society National Meeting, San Antonio, TX (poster)
- May 2002 Brenda S. Kelly. *Electron Paramagnetic Spectroscopy: Communication Between the Two Metal Binding Sites in E. coli  $\gamma$ -glutamylcysteine synthetase*. Medical College of Wisconsin (paper)
- Aug. 2000 Brenda S. Nieslanik, et al. *Kinetic Analysis of the Ligand-Induced Coil-Helix Transition in Glutathione S-Transferase A1-1*. American Chemical Society National Meeting, Washington, D.C. (paper)
- July 1999 Brenda S. Nieslanik, et al. *Kinetic Analysis of the Ligand-Induced Coil-Helix Transition in Glutathione S-Transferase A1-1*. Gordon Research Conference, Medicinal Chemistry, New London, NH. (paper)

- July 1998 Brenda S. Nieslanik, *et al.* *The Ligand-Induced Coil-Helix Transition in Glutathione S-Transferase A1-1* The Protein Society Twelfth Symposium, San Diego, CA. (poster)
- Nov. 1997 Brenda S. Nieslanik, *et al.* *Glutathione S-Transferase A1-1: Analysis of Protein Structure and Function.* The International Workshop of Glutathione S-Transferases, Rome, Italy. (poster)

### **ADMINISTRATIVE AND LEADERSHIP EXPERIENCE**

#### **Provost and Dean of the College | Gustavus Adolphus College | May 2018-Present**

#### **Interim Provost and Dean of the Faculty | Gustavus Adolphus College | August 2016-April 2018**

Major responsibilities and accomplishments:

- *Strategic planning and implementation.* Co-chair of current strategic planning process; Supported the development and led implementation of the Gustavus ACTs Strategic Plan (2016-2026).
- *Curricular support.* Collaborated with faculty to achieve faculty approval of comprehensive changes to the academic program, including changes to general education, academic calendar, majors/minors and addition of an experiential requirement.
- *Faculty Support.* Streamlined processes for faculty and faculty leaders; Expanded College research capacity yielding an increase in submissions and awards and expanded faculty-student research opportunities. Collaborated with Advancement to secure funding for ten new endowed faculty chairs/professors, capital projects, faculty development, and faculty-student research.
- *Student Engagement.* Improved student experience and satisfaction post-COVID with marked increases in student retention (84% to 88% first- to second year) through student engagement opportunities, enhanced communication and elevation of the student voice in decision-making.
- *Accreditation.* Primary College liaison for the Higher Learning Commission (HLC); Successfully led two HLC peer review team comprehensive visits (mid-cycle and full-review); Supported initial and continued accreditation of education, athletic training, nursing programs.
- *Campus-wide leadership.* Member of the President's Executive Leadership Team; College administrative liaison for the Gustavus Board of Trustees Academic Affairs Committee, Institutional Mission Group, Strategy Committee, and Shared Governance Committee; Co-led the institutional and faculty COVID-leadership teams; Co-led the six-member Federal Regulatory Response Team.

#### **Interim Associate Provost and Dean of the Sciences and Education | Gustavus Adolphus College | July 2015-July 2016**

Major responsibilities and accomplishments:

- Oversight of the Natural Sciences and Mathematics, Education, and Social Sciences division faculty (~120 faculty FTE) and programs;
- Directed January term including oversight over course approvals and enrollment;
- Managed and facilitated student academic conduct processes;
- Chaired the disciplinary appeals committee (including Title IX appeals);
- Coordinated the College pre-health advising program;
- Academic oversight of the design/development phase of the Nobel Hall of Science capital project.

#### **Chair, Department of Chemistry | Gustavus Adolphus College | 2011-2015**

Major responsibilities and accomplishments:

- Managed departmental and program budget and endowed funds;
- Mentored and evaluated untenured faculty (four to seven annually) and staff (two annually);
- Developed and submitted academic course schedules and other reports to the College administration and American Chemical Society in a timely manner;
- Facilitated departmental collaboration, community development, transparency, and use of budget to support departmental priorities;
- Supported and participated in launch of a new pre-health advising pilot;
- Liaised with Admission on recruitment of pre-health and chemistry-interested prospective students;
- Met and advocated for interdisciplinary program needs with the College administration and relevant department chairs (including teaching/laboratory resources, and staffing needs).

### **Program Director, Biochemistry and Molecular Biology | Gustavus Adolphus College | 2013-2014**

Major responsibilities and accomplishments:

- Met and advocated for interdisciplinary program needs with the College administration and relevant department chairs (including teaching/laboratory resources, and staffing needs);
- Program contact for students (current and prospective);
- Development and submission of schedules, reviews, and other documents to the College administration.

### **Coordinator, HHMI Peer Mentoring Program | Gustavus Adolphus College | 2009-2010**

Major responsibilities and accomplishments:

- Developed the inaugural program vision in a data- and input-informed manner;
- Developed training materials and led weekly training sessions of peer mentors;
- Conducted assessment with student mentees, peer mentors, and faculty;
- Managed the peer mentoring budget (~\$50,000);
- Facilitated transition to new program leadership upon completion of term.

### **Coordinator, Louis Stokes Alliances for Minority Participation (LSAMP) | Gustavus Adolphus | 2007-09**

Major responsibilities and accomplishments:

- Developed the College's LSAMP program based upon historically underrepresented and STEM (science, technology, engineering, and mathematics) student needs and NSF grant guidelines;
- Led academic and developmental programming initiatives to support LSAMP cohort students;
- Tracked and shared academic data regarding progress of LSAMP cohort students in STEM in aggregate and deidentified format with relevant academic departments and College administration;
- Liaised with the University of Minnesota and other leaders involved in the grant state-wide;
- Managed the LSAMP budget and advocated for additional match and sustainable program support;
- Facilitated transition to new program leadership upon completion of term.

### **HIGHER EDUCATION ADMINISTRATIVE INVITED PRESENTATIONS & FACILITATION**

June 2025	Co-presenter with D. D'Albertis (Bard) and B. Thomas (Transylvania): <i>Leading and Empowering Teams: Strategies for Effective Management and Mentorship</i> . Annapolis Group 2025 Annual Meeting.
June 2025	Roundtable Facilitator: <i>Managing Sideways and Up</i> . Annapolis Group 2025 Annual Meeting.
June 2024	Roundtable Facilitator: <i>Effective Shared Governance</i> . Annapolis Group 2024 Annual Meeting.
May 2024	Panelist: HERC Listening Session— <i>Rural and Small Colleges and Universities</i> . Higher Education Recruitment Consortium.
April 2024	Co-presenter with S. Ruble (Gustavus Adolphus College): <i>From Interim Reports to the Open Pathway: One Institution's Journey</i> . Higher Learning Commission 2024 Meeting.
Nov 2022	Co-organizer and Facilitator: New Chief Academic Officer Orientation. Council of Independent Colleges (CIC) Institute for Chief Academic Officers 2022.
Nov 2022	Co-organizer with S. Larson (Concordia-Moorhead): <i>Establishing a New Norm: What are faculty roles, responsibilities and expectations for engagement in the contemporary NECU College</i> . Network of ELCA Colleges and Universities Academic Officers Annual Meeting.
Nov 2021	Panelist: <i>HERC Listening Session—Dual Career</i> . Higher Education Recruitment Consortium.
Nov 2021	Co-presenter with J. VanHecke (Gustavus) and S. Kruml (Midland): <i>New Academic Programs and Partnerships to Enhance Enrollment</i> . Council of Independent Colleges 2021 Annual Mtg.
Nov 2020	Co-organizer with D. Timmerman (Carthage) and W. Hilton-Morrow (Augustana-Rock Island): <i>COVID-19, Racial Justice, and the Centrality of Vocation</i> . Network of ELCA Colleges and Universities (NECU) 2020 Academic Officers Annual Meeting.
Nov 2019	<i>The Journey from Faculty to Administration</i> . Council of Independent Colleges (CIC) 2019 Annual Meeting.
Nov 2019	Co-organizer with K. Kaivola (Augsburg), C. Irvine (Augustana-Sioux Falls), L. Nielson (California Lutheran), B. Ernsting (Wartburg): <i>Tensions and Promise: Lutheran Higher Education and Non-Traditional Programs of Study</i> . Network of ELCA Colleges and Universities (NECU) 2019 Academic Officers Annual Meeting.

## **OTHER INVITED PRESENTATIONS, TEACHING, & KEYNOTE ADDRESSES**

Oct 2025	Brenda S. Kelly, Brandy Russell, and Mary McHugh. <i>Food Chemistry and Sugar: Carmelization and the Maillard Reaction</i> . Nobel Conference break out session.
May 2025	Brenda S. Kelly, faculty leader. <i>Gustavus Alumni and Friends France Food, Wine, and Culture Study Tour</i>
Dec 2024	Brenda S. Kelly <i>My Superheroes</i> . Saint Lucia Breakfast.
May 2024	Brenda S. Kelly <i>A contemporary liberal arts curriculum at Gustavus</i> . Gustavus Celebration of Philanthropy.
March 2024	Brenda S. Kelly <i>What I've Learned About the Liberal Arts through Atoms, Administration, and Asiago</i> . Gustie Women for Good.
April 2022	Brenda S. Kelly, faculty leader. <i>Gustavus Alumni and Friends Italy Slow Food and Culture Study Tour</i> .
Sept 2015	Brenda S. Kelly <i>The Science of Cooking, part III</i> . Rochester Lifelong Learners
May 2015	Brenda S. Kelly <i>The Science of Cooking, part II</i> . Rochester Lifelong Learners
May 2014	Brenda S. Kelly <i>The Science of Cooking, part I</i> . Rochester Lifelong Learners

## **PROFESSIONAL DEVELOPMENT ACTIVITIES**

### **SCIENCE, CURRICULUM DEVELOPMENT, TEACHING AND LEARNING**

2005-2015	Model Biochemistry Laboratory Curriculum collaboration, with Grinnell College
Nov 2015	AAC&U Crossing Boundaries: Transforming STEM Education
July 2011	Student-Centered Education in the Molecular and Life Sciences II Symposium. Richmond, VA
June 2010	Vocation, Teaching, and Learning in the Liberal Arts workshop. Gustavus Adolphus College
July 2009	Interactive, Collaborative, Quantitative Biochemistry Education in the 2.0 Era. Boston, MA
June 2009	Broadening Participation in Undergraduate Research: Fostering Excellence and Enhancing Impact
March 2009	Knowledge Survey Workshop with Karl Wirth, Gustavus Adolphus College
Jan 2008	Book Discussion Group 'The Courage to Teach' by Parker J. Palmer
2005-2008	Scholarship of Teaching and Learning group, Gustavus Adolphus College
2005-2007	Classroom Undergraduate Research Experiences (CURE), with Grinnell and Hope Colleges
Oct 2005	IUPUI Assessment Institute, Indianapolis, IN
Various	Experimental Biology annual meeting (2016, 2018, 2020, 2017, 2018)
Various	Kendall Center for Engaged Learning faculty development day and workshops (2002-2015)

### **HIGHER EDUCATION LEADERSHIP AND DEVELOPMENT PROGRAMS AND CONFERENCES**

March 2026	CIC 2025 NetVUE Conference, Kansas City (anticipated)
March 2026	Learning Well Coalition Annual Meeting, Nashville, TN (anticipated)
Nov 2025	Learning Well Coalition Leaders Meeting, Chicago, IL
Sept 2025	The Chronicle of Higher Education Women Leading Change Program
2022-2023	Council of Independent Colleges (CIC) Presidential Vocation and Institutional Mission seminar
2020	Lilly Network Consultation for Senior Administrators
2018-2019	The Powers of Leadership Institute, Whidbey Island
2016	AAC&U Annual Meeting: How Higher Education Can Lead
Various	Higher Learning Commission annual meeting (April 2017, 2018, 2019, 2024)
Various	Vocation of a Lutheran College Conference (July 2017, 2018, 2019, 2022, 2023)
Various	Network of ELCA Colleges and Universities CAOs annual meeting (Nov. 2016-2019, 2022)
Various	Annapolis Group Annual Meeting (June 2017-19, 2022, 2024, 2025)
Various	Council of Independent Colleges (CIC) annual conference (Nov 2016-19, 2022)
Various	American Conference of Academic Deans membership and annual conference/Dean's Institute (2016, 2018, 2020, 2021)
Various	Consortium for Faculty Diversity annual meeting (Sept 2016, Sept 2017)

## **PROFESSIONAL ORGANIZATIONS AND MEMBERSHIPS**

2016-Present American Association of University Women  
2015-Present American Council of Academic Deans  
2007-Present American Society for Biochemistry and Molecular Biology  
1999-Present American Chemical Society, Division of Medicinal Chemistry and Biochemistry  
1998-2008 American Association for the Advancement of Science

## **PROFESSIONAL SERVICE (EXTERNAL)**

2020-Present Advisory Board of Upper Midwest Region: Higher Education Recruitment Consortium  
2016-Present Council on Undergraduate Research, institutional representative  
2016-2025 Consortium for Faculty Diversity, institutional representative  
2018-2021 Mentor for new chief academic officers (Council of Independent Colleges)  
2012-2019 Solicited external evaluator for tenure and promotion faculty candidates (i.e. candidates at St. Louis University, St. Olaf College, Whitworth, Augsburg, Lewis and Clark College)  
2012-2019 Solicited external reviewer for department or program reviews in chemistry and biochemistry (i.e. St. Olaf College, Lewis and Clark College, Willamette)  
2012-2013 Core working group member on Assessment Standards in Biochemistry for the American Society for Biochemistry and Molecular Biology  
2011-2014 American Society of Biochemistry and Molecular Biology (ASBMB) Working Group: Promoting Concept Driven Teaching Strategies in Biochemistry and Molecular Biology through Concept Assessment  
2008-2019 American Society of Biochemistry and Molecular Biology and The Protein Society: Undergraduate and graduate research poster judge  
2006-2009 Advisor for high school science fair project, Kim Braulick, Sleepy Eye St. Mary.  
2002-2015 Reviewer for *Protein Expression and Purification*

## **GUSTAVUS FACULTY COMMITTEE & COLLEGE-WIDE SERVICE (PERIOD OF 2016-PRESENT)**

2025-Present Strategic Planning Steering Committee, co-chair  
2025-Present Compensation Task Force  
2024-Present Board of Trustees-Financial Analysis Subcommittee of the AAC  
2023 Faculty Task Force  
2021-Present Strategy Committee of the Board  
2020-2022 Emergency Planning Committee of the Faculty  
2020-2022 COVID Leadership Team  
2016-Present College-wide Accreditation Committee  
2016-Present Internal Budget Committee  
2016-Present Faculty Compensation Committee/Compensation, Benefits, Budget Board  
2016-Present Faculty Personnel Committee  
2016-Present Faculty Senate  
2016-Present Board of Trustees-Academic Affairs Committee  
2016-Present Board of Trustees-Institutional Mission Group

## **GUSTAVUS FACULTY COMMITTEE AND COLLEGE-WIDE SERVICE (PERIOD OF 2002-2016)**

2015-16	Strategic Action Team, co-chair
2015-16	Curriculum Committee
2015-16	Student Assistance Team
2015-16	Faculty Committee on Student Life
2014-16	College-wide Assessment Committee
2013-14	Presidential Search Committee
2013-14	Biochemistry and Molecular Biology Program Director
2011-15	Department Chairs and Program Directors Committee
2011-15	Chemistry Department Chair
2009-12	College Title IV Investigator
2009-10	Inaugural HHMI Peer Mentoring Coordinator
2009-12	Howard Hughes Medical Institute (HHMI) grant leadership team
2008-09	Commission Gustavus 150: Academic Programs team
2007-10	Louis Stokes Alliances for Minority Participation (LSAMP) Gustavus coordinator
2007-08	Program Assessment and Development Committee
2006-08	Mentoring for Student Success Program Mentor
2006-07	Faculty Marshall
2005-15	Nobel Hall Space Committee
2005-10	Chemistry liaison for Education Department
2005-08	Chemistry club advisor
2005-07	Glenn T. Seaborg Travel Award selection committee
2005-06	Nobel Conference committee and host
2005-06	National Council for Accreditation of Teacher Education (NCATE) representative: Chemistry, Biology and General Science
2004	St. Ansgar Selection Committee
2003-15	Biochemistry and Molecular Biology program steering committee (2003-2015)
2003-06	Program Assessment and Development Committee
Various	Coordinator of Student Research Ancillary Activities and Research Symposia (Summer 2005, 2007, 2009)
Various	Summer new student registration (2003, 2005, 2007, 2009, 2012, 2013, 2014, 2015)
Various	Scholarship Days (Spring 2005, 2007, 2009, 2010, 2012, 2013, 2014, 2015, 2016)